

Specification

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|---------------------------|--------------|
| Nominal Basket Diameter | 12", 304.8mm |
| Nominal Impedance* | 8 ohms |
| Power Rating** | |
| Watts | 250W |
| Music Program | 500W |
| Resonance | 37Hz |
| Usable Frequency Range*** | 48Hz-4kHz |
| Sensitivity | 99.9 |
| Magnet Weight | 7 oz. |
| Gap Height | 0.275", 7mm |
| Voice Coil Diameter | 2.5", 63.5mm |

Thiele & Small Parameters

| | |
|---|--------------------------|
| Resonant Frequency (fs) | 37Hz |
| DC Resistance (Re) | 5.04 |
| Coil Inductance (Le) | 0.46mH |
| Mechanical Q (Qms) | 3.13 |
| Electromagnetic Q (Qes) | 0.44 |
| Total Q (Qts) | 0.39 |
| Compliance Equivalent Volume (Vas) | 147 liters / 5.2 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 255cc |
| Mechanical Compliance of Suspension (Cms) | 0.38mm/N |
| BL Product (BL) | 11.3 T-M |
| Diaphragm Mass inc. Airlod (Mms) | 49 grams |
| Efficiency Bandwidth Product (EBP) | 84 |
| Maximum Linear Excursion (Xmax) | 4.9mm |
| Surface Area of Cone (Sd) | 519.5 cm2 |
| Maximum Mechanical Limit (Xlim) | 8.5mm |

Mounting Information

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|------------------------------|--------------------------|
| Recommended Enclosure Volume | |
| Sealed | 23-28 liters/0.8-1cu.ft. |
| Vented | 33-85 liters/1.2-3cu.ft. |
| Overall Diameter | 12.38", 314.5mm |
| Baffle Hole Diameter | 11.06", 280.9mm |
| Front Sealing Gasket | fitted as standard |
| Rear Sealing Gasket | fitted as standard |
| Mounting Holes Diameter | 0.28", 7mm |
| Mounting Holes B.C.D. | 11.62", 295.1mm |
| Depth | 6.06", 154mm |
| Net Weight | 5.1 lbs., 2.3 kg |
| Shipping Weight | 6.8 lbs., 3.1 kg |

Materials of Construction

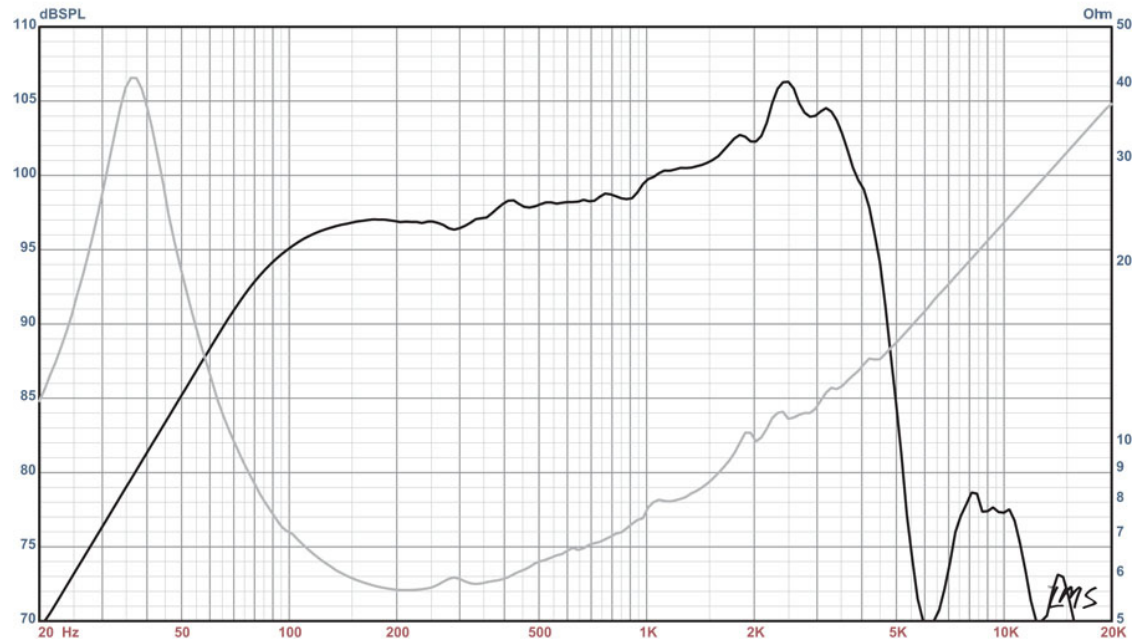
Aluminum voice coil
 Polyimide former
 Neodymium magnet
 Vented core
 Die-cast aluminum basket/ heatsink
 Paper Cone
 Cloth cone edge
 Solid composition paper dust cap




 The Art and Science of Sound

DELTALITE®-II 2512 Neodymium

Recommended for professional audio as a mid/hi or full-range and monitor; also for bass guitar. Works well in sealed or vented enclosures.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

*** The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)