

Specification

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|---------------------------|--------------|
| Nominal Basket Diameter | 10", 254mm |
| Nominal Impedance* | 8 ohms |
| Power Rating** | |
| Watts | 250W |
| Music Program | 500W |
| Resonance | 53Hz |
| Usable Frequency Range*** | 60Hz-4kHz |
| Sensitivity | 97.3 |
| Magnet Weight | 7 oz |
| Gap Height | 0.275", 7mm |
| Voice Coil Diameter | 2.5", 63.5mm |

Thiele & Small Parameters

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|---|----------------------|
| Resonant Frequency (fs) | 53Hz |
| DC Resistance (Re) | 5.06 |
| Coil Inductance (Le) | 0.40mH |
| Mechanical Q (Qms) | 5.76 |
| Electromagnetic Q (Qes) | 0.45 |
| Total Q (Qts) | 0.42 |
| Compliance Equivalent Volume (Vas) | 52.5 ltr/1.9 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 147cc |
| Mechanical Compliance of Suspension (Cms) | 0.30mm/N |
| BL Product (BL) | 10.6 T-M |
| Diaphragm Mass inc. Airload (Mms) | 31 grams |
| Efficiency Bandwidth Product (EBP) | 117 |
| Maximum Linear Excursion (Xmax) | 4.2mm |
| Surface Area of Cone (Sd) | 350.1cm ² |
| Maximum Mechanical Limit (Xlim) | 8.0mm |

Mounting Information

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|------------------------------|------------------------------|
| Recommended Enclosure Volume | |
| Sealed | 12.7-17 ltr/0.45-0.6 cu. ft. |
| Vented | 17-39.6 ltr/0.6-1.4 cu. ft. |
| Overall Diameter | 10.25", 260.4mm |
| Baffle Hole Diameter | 9.15", 232.4mm |
| Front Sealing Gasket | Fitted as Standard |
| Rear Sealing Gasket | Fitted as Standard |
| Mounting Holes Diameter | 0.28", 7mm |
| Mounting Holes B.C.D. | 9.73", 247.1mm |
| Depth | 4.9", 123.8mm |
| Net Weight | 4.6 lbs, 2.1 kg |
| Shipping Weight | 5.7 lbs, 2.6 kg |

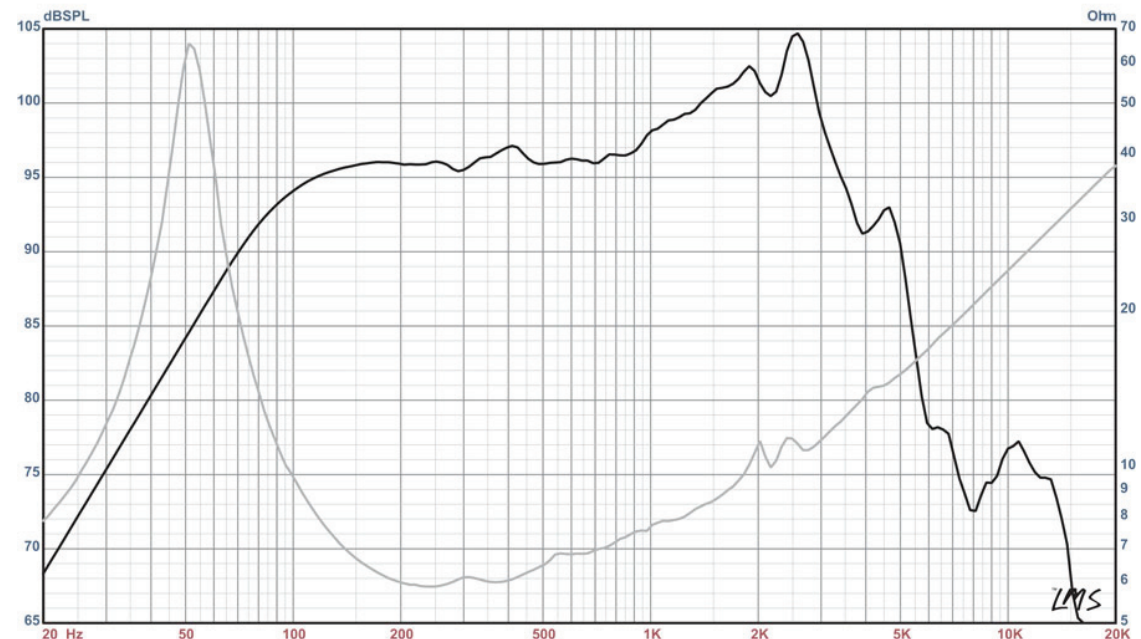
Materials of Construction

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|-----------------------|----------------------------|
| Coil Construction | Aluminum |
| Coil | Polyimide |
| Magnet Composition | Neodymium |
| Core Details | Vented |
| Basket Materials | Die-Cast Aluminum/Heatsink |
| Cone Composition | Paper |
| Cone Edge Composition | Cloth |
| Dust Cap Composition | Solid Composition Paper |



DELTALITE® II 2510 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, nontemperature-controlled environment.

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

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 | 2 ft. X 2 ft. 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)