

## Specification

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

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 liters / 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. Airlod (Mms)	31 grams
Efficiency Bandwidth Product (EBP)	117
Maximum Linear Excursion (Xmax)	4.2mm
Surface Area of Cone (Sd)	350.1 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	8.0mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	12.7-17 liters/0.45-0.6cu.ft.
Vented	17-39.6 liters/0.6-1.4cu.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

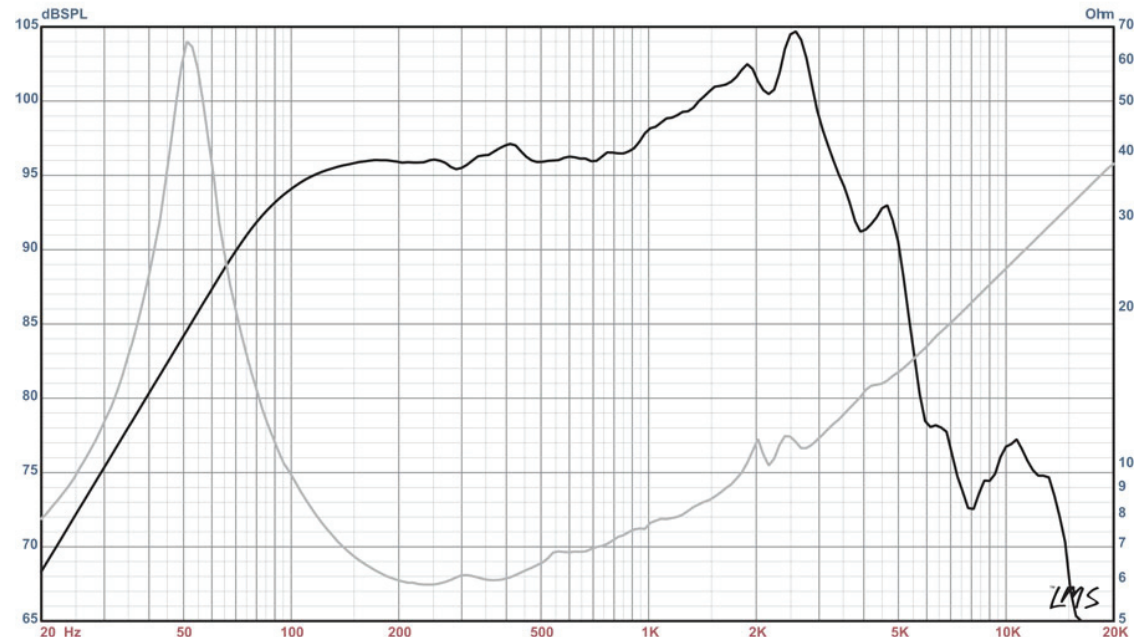
Aluminum voice coil  
 Polyimide former  
 Neodymium magnet  
 Vented core  
 Die-cast aluminum basket/ heatsink  
 Paper Cone  
 Cloth cone edge  
 Solid composition paper dust cap



  
**EMINENCE®**  
 The Art and Science of Sound

## DELTAHITE® 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, 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)