

SPECIFICATION

Nominal Basket Diameter	12", 304.80 mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	250W
Music Program	500W
Resonance	37Hz
Usable Frequency Range***	58Hz-4.3kHz
Sensitivity	99.90
Magnet Weight	7 oz.
Gap Height	0.27", 7mm
Voice Coil Diameter	2.50", 63.50mm

THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	43.52Hz
DC Resistance (Re)	5.17
Coil Inductance (Le)	0.43mH
Mechanical Q (Qms)	4.17
Electromagnetic Q (Qes)	0.45
Total Q (Qts)	0.41
Compliance Equivalent Volume (Vas)	134.88 liters / 4.76 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	255.00cc
Mechanical Compliance of Suspension (Cms)	0.36mm/N
BL Product (BL)	10.69 T-M
Diaphragm Mass inc. Airlod (Mms)	36.75 grams
Efficiency Bandwidth Product (EBP)	95.7
Maximum Linear Excursion (Xmax)	4.90mm
Surface Area of Cone (Sd)	519.50 cm2
Maximum Mechanical Limit (Xlim)	8.50mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	23.0-28.0 liters/0.80-1.0 cu.ft.
Vented	33.0-85.0 liters/1.20-3.0 cu.ft.
Overall Diameter	12.38", 314.50 mm
Baffle Hole Diameter	11.06", 280.90 mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	Fitted as standard
Mounting Holes Diameter	0.28", 7.10 mm
Mounting Holes B.C.D.	11.62", 295.10 mm
Depth	6.06", 154 mm
Net Weight	5.10 lbs., 2.31 kg
Shipping Weight	6.80 lbs., 3.08 kg

MATERIALS OF CONSTRUCTION

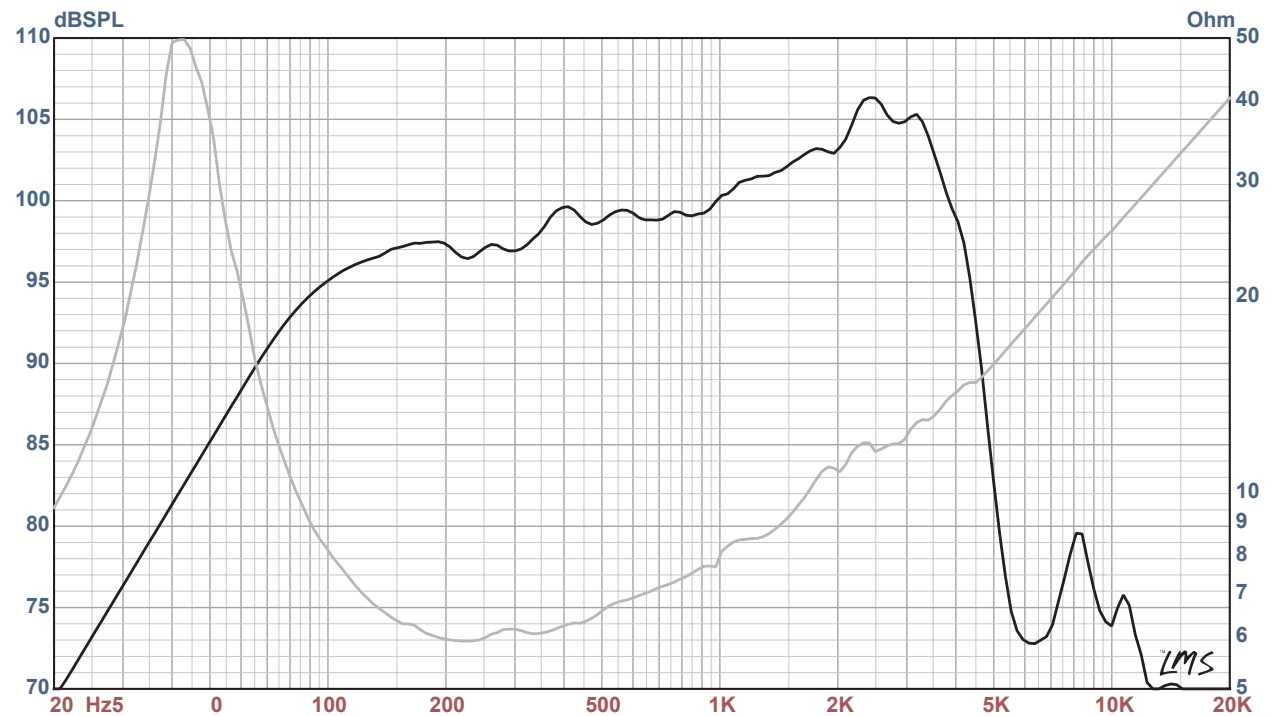
Aluminum voice coil
 Polyimide former
 Neodymium magnet
 Vented core
 Die-cast aluminum basket/ heatsink
 Paper Cone
 Cloth cone edge
 Solid composition paper dust cap




EMINENCE®
 The Art and Science of Sound

DELTALITE® II 2512 NEODYMIUM SERIES

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)