Specification

Nominal Basket Diameter	8”, 203.2mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	125W
Music Program	250W
Resonance	514Hz
Usable Frequency Range***	400Hz-4.8kHz
Sensitivity	100.9
Magnet Weight	20 oz
Gap Height	0.25”, 6.35mm
Voice Coil Diameter	1.5”, 38.1mm

Thiele & Small Parameters

Resonant Frequency (fs)	514Hz
DC Resistance (Re)	7.32
Coil Inductance (Le)	0.34mH
Mechanical Q (Qms)	4.48
Electromagnetic Q (Qes)	2.08
Total Q (Qts)	1.42
Compliance Equivalent Volume (Vas)	0.8 ltr/0.03 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	0cc
Mechanical Compliance of Suspension (Cms)	0.01mm/N
BL Product (BL)	8.9 T-M
Diaphragm Mass inc. Airload (Mms)	6.9 grams
Efficiency Bandwidth Product (EBP)	247
Maximum Linear Excursion (Xmax)	1.6mm
Surface Area of Cone (Sd)	205.9cm^2
Maximum Mechanical Limit (Xlim)	3.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	N/A
Vented	N/A
Overall Diameter	8.22”, 208.8mm
Baffle Hole Diameter	7.19”, 182.5mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.22”, 5.5mm
Mounting Holes B.C.D.	7.75”, 196.9mm
Depth	3.25”, 83mm
Net Weight	4.4 lbs, 2 kg
Shipping Weight	5.1 lbs, 2.3 kg

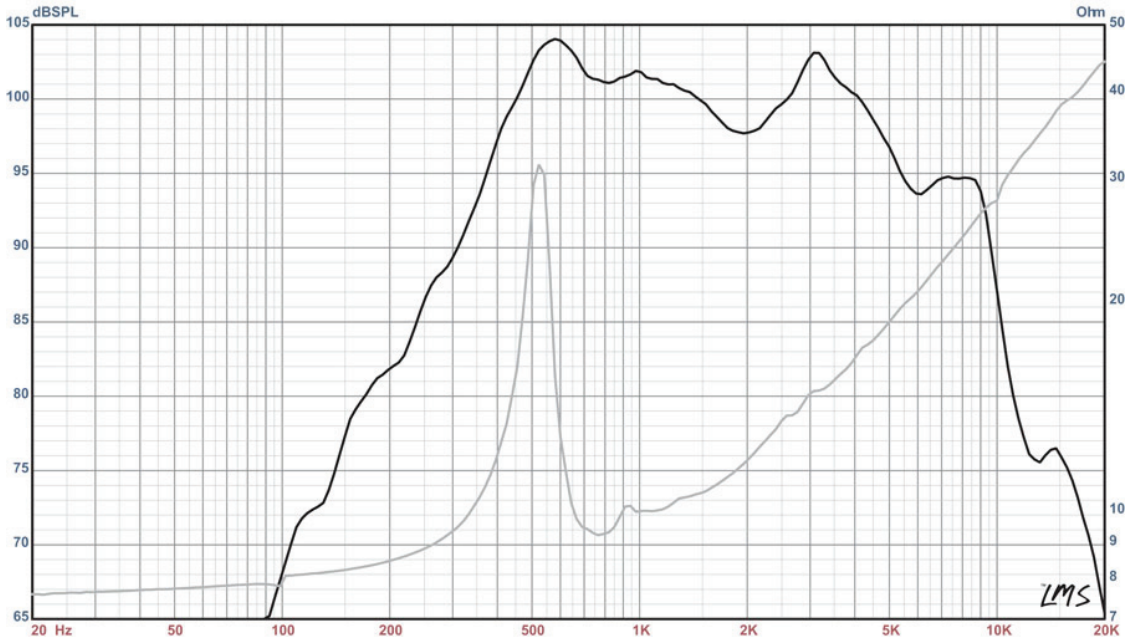
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Vented
Basket Materials	Pressed Steel With Closed Back
Cone Composition	Paper
Cone Edge Composition	Paper
Dust Cap Composition	Solid Composition Paper

EMINENCE®
The Art and Science of Sound

ALPHA-8MRA American Standard Series

Recommended for professional audio and bass guitar applications as a mid-range. Sealed basket makes this woofer independent of enclosure design.



* 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. Ie: 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)