Specification

Nominal Basket Diameter	6.5”, 165mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	100W
Music Program	
Resonance	111Hz
Usable Frequency Range***	103Hz-6kHz
Sensitivity	94.7
Magnet Weight	20oz
Gap Height	.24”,5.99mm
Voice Coil Diameter	1.5”,38.1mm

Thiele & Small Parameters

Resonant Frequency (fs)	111Hz
DC Resistance (Re)	6.7
Coil Inductance (Le)	.55mH
Mechanical Q (Qms)	9.57
Electromagnetic Q (Qes)	0.49
Total Q (Qts)	0.47
Compliance Equivalent Volume (Vas)	4.49 ltr./.16cuft
Peak Diaphragm Displacement Volume (Vd)	22.30cc
Mechanical Compliance of Suspension (Cms)	.20mm/N
BL Product (BL)	9.8 T-M
Diaphragm Mass inc. Airload (Mms)	10.3 grams
Efficiency Bandwidth Product (EBP)	225
Maximum Linear Excursion (Xmax)	1.8mm
Surface Area of Cone (Sd)	126.7cm2
Maximum Mechanical Limit (Xlim)	5.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	2-5 liters / .1-.2 cuft
Vented	5-7 liters / .2-.3 cuft
Overall Diameter	6.58”, 167.13mm
Baffle Hole Diameter	5.60”, 142.24mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.22”, 5.59mm
Mounting Holes B.C.D.	6.14”, 155.96mm
Depth	2.88”, 73.15mm
Net Weight	3.94 lbs, 1.79 kg
Shipping Weight	

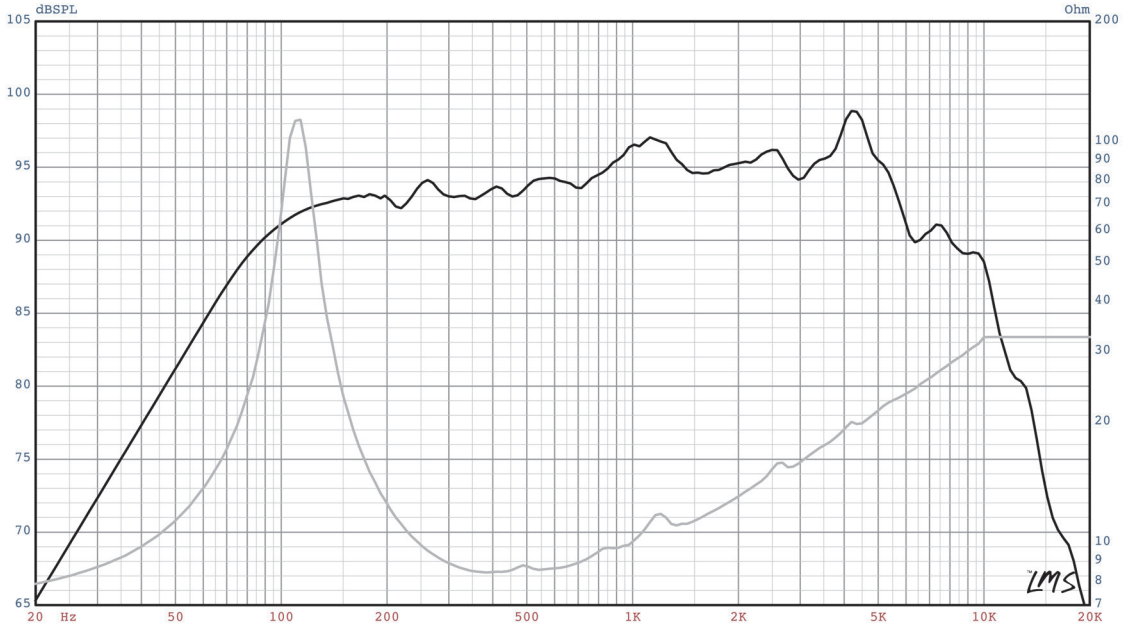
Materials of Construction

Coil Construction	Copper
Coil Former	Polyimide
Magnet Composition	Ferrite
Motor Details	Vented Core Bumped BackPlate
Basket Material	Steel
Cone Composition	Treated Paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper

EMINENCE®
DONGGUAN

EPA-S1506

Medium Power PA, MI, and Pro-Sound Driver. Works well as a mid in small sealed boxes. Works well as a mid/bass driver in vented box.



* 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)