

Specification

Nominal Basket Diameter	15", 381mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	550W
Music Program	
Resonance	35Hz
Usable Frequency Range***	42Hz-2.4kHz
Sensitivity	97
Magnet Weight	105oz
Gap Height	.39", 9.91mm
Voice Coil Diameter	3.0", 76.2mm

Thiele & Small Parameters

Resonant Frequency (fs)	35Hz
DC Resistance (Re)	6.9
Coil Inductance (Le)	1.66mH
Mechanical Q (Qms)	13.52
Electromagnetic Q (Qes)	0.32
Total Q (Qts)	0.31
Compliance Equivalent Volume (Vas)	251.85 ltr./8.89cuft
Peak Diaphragm Displacement Volume (Vd)	561.99cc
Mechanical Compliance of Suspension (Cms)	.24mm/N
BL Product (BL)	20.1 T-M
Diaphragm Mass inc. Airload (Mms)	86.7 grams
Efficiency Bandwidth Product (EBP)	108
Maximum Linear Excursion (Xmax)	6.5mm
Surface Area of Cone (Sd)	864.6cm ²
Maximum Mechanical Limit (Xlim)	13.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	Not Recommended
Vented	59-187 liters / 2.1-6.6 cuft
Overall Diameter	15.32", 389.13mm
Baffle Hole Diameter	14.00", 355.60mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	14.56", 369.82mm
Depth	6.57", 166.88mm
Net Weight	24.80 lbs, 11.25 kg
Shipping Weight	

Materials of Construction

Coil Construction	Copper
Coil Former	Polyimide
Magnet Composition	Ferrite
Motor Details	Vented w/Extended Core
Basket Material	Aluminum
Cone Composition	Treated Paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper

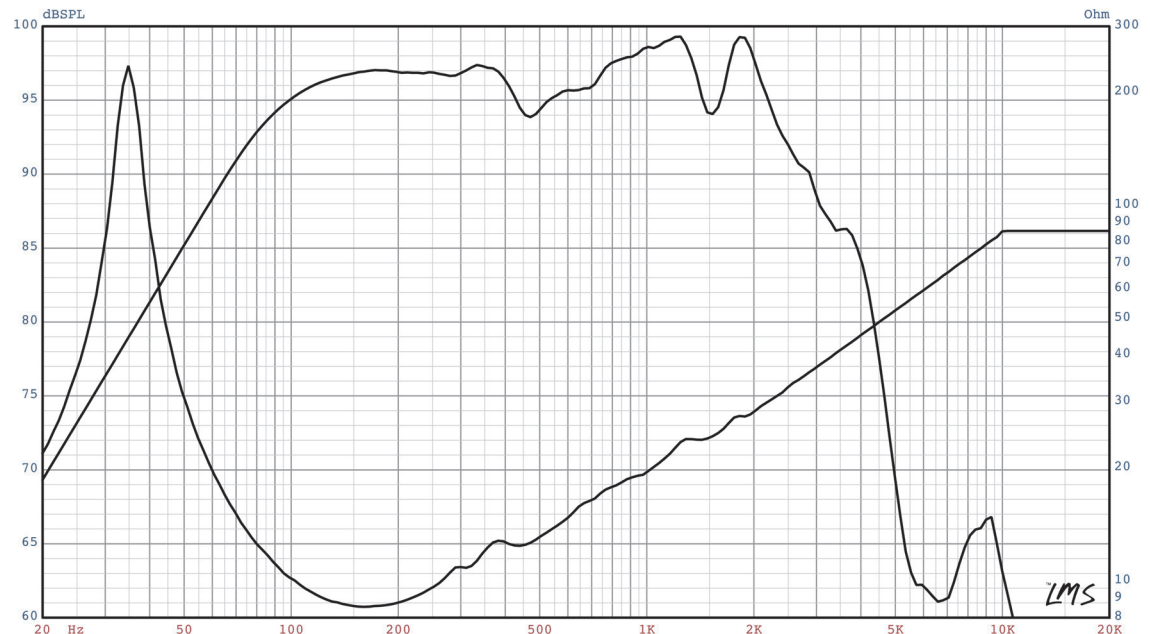




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High Power PA and MI. Great for Compact Subwoofers and for High Power Two or Three Way Systems.



* 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)