

Specification

Nominal Basket Diameter	8", 203mm
Nominal Impedance*	8 or 16 ohms
Power Rating**	
Watts	225W
Music Program	450W
Resonance	69Hz
Usable Frequency Range***	100Hz-3.0kHz
Sensitivity	97.8
Magnet Weight	59 oz
Gap Height	.31", 7.95mm
Voice Coil Diameter	2.0", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	69Hz
DC Resistance (Re)	5.4
Coil Inductance (Le)	.82mH
Mechanical Q (Qms)	6.43
Electromagnetic Q (Qes)	.20
Total Q (Qts)	.22
Compliance Equivalent Volume (Vas)	18.32 ltr/6.47 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	65.68cc
Mechanical Compliance of Suspension (Cms)	.35mm/N
BL Product (BL)	14.1 T-M
Diaphragm Mass inc. Airload (Mms)	19.3 grams
Efficiency Bandwidth Product (EBP)	307
Maximum Linear Excursion (Xmax)	3.0mm
Surface Area of Cone (Sd)	218.2cm ²
Maximum Mechanical Limit (Xlim)	8.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	8-16 ltr/.3-6 cu. ft.
Vented	10-16 ltr/.4-6 cu. ft.
Overall Diameter	8.02", 203.71mm
Baffle Hole Diameter	7.36", 186.94mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	.28", 7.11mm
Mounting Holes B.C.D.	8.60", 218.44mm
Depth	3.75", 95.25mm
Net Weight	10.00 lbs, 4.54 kg
Shipping Weight	11 lbs, 4.9 kg

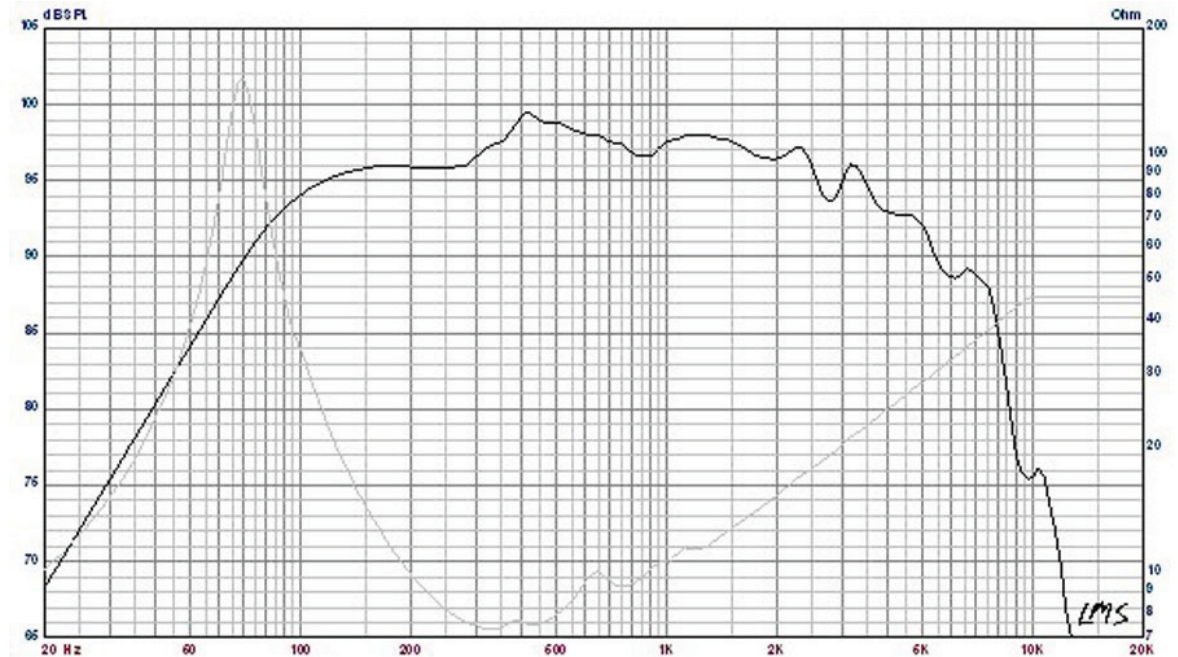
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Vented and Extended
Basket Materials	Die-Cast Aluminum
Cone Composition	Paper
Cone Edge Composition	Cloth
Dust Cap Composition	Solid Composition Paper



DELTA PRO-8A Professional Series

High Sensitivity Midrange Driver for ProSound PA or MI. Truncated Cast AL Heat sink style basket is great for stacking in a line array.



* 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. I.e: 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)