

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	400W
Music Program	800W
Resonance	51Hz
Usable Frequency Range***	52Hz-4.5kHz
Sensitivity	99.2
Magnet Weight	80 oz
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	51Hz
DC Resistance (Re)	5.71
Coil Inductance (Le)	0.84mH
Mechanical Q (Qms)	7.56
Electromagnetic Q (Qes)	0.37
Total Q (Qts)	0.35
Compliance Equivalent Volume (Vas)	81.7 ltr/2.9 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	242cc
Mechanical Compliance of Suspension (Cms)	0.21mm/N
BL Product (BL)	15.3 T-M
Diaphragm Mass inc. Airload (Mms)	48 grams
Efficiency Bandwidth Product (EBP)	138
Maximum Linear Excursion (Xmax)	4.6mm
Surface Area of Cone (Sd)	532.4cm ²
Maximum Mechanical Limit (Xlim)	13.7mm

Mounting Information

Recommended Enclosure Volume	
Sealed	28-35 ltr/1-1.25 cu. ft.
Vented	31-91 ltr/1.1-3.2 cu. ft.
Overall Diameter	12.38", 314.5mm
Baffle Hole Diameter	11.07", 281mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.27", 6.9mm
Mounting Holes B.C.D.	11.57", 293.8mm
Depth	6.22", 158mm
Net Weight	16.3 lbs, 7.4 kg
Shipping Weight	18 lbs, 8.2 kg

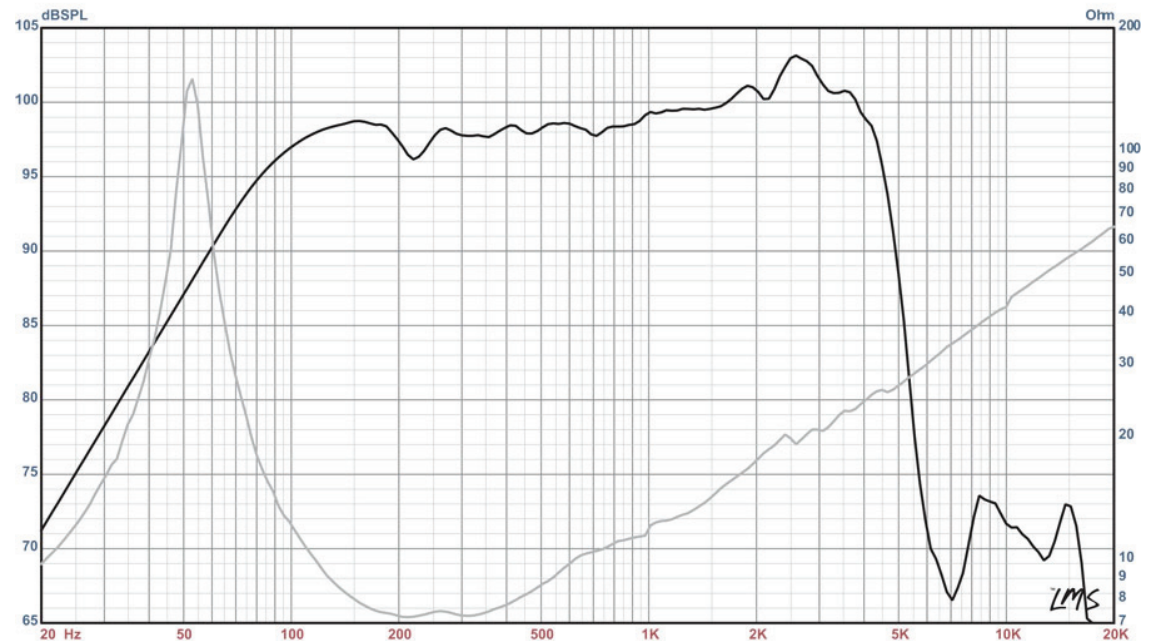
Materials of Construction

Coil Construction	Aluminum
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-12A Professional Series

Recommended for professional audio in both sealed and vented enclosures. Ideal for full-range, mid/hi, and monitor wedges.



* 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)