

Specification

Nominal Basket Diameter	10", 254mm
Nominal Impedance*	16 ohms
Power Rating**	350W
Resonance	65Hz
Usable Frequency Range***	71Hz-3.7kHz
Sensitivity	98
Magnet Weight	56 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	65Hz
DC Resistance (Re)	11.6
Coil Inductance (Le)	0.79mH
Mechanical Q (Qms)	8.34
Electromagnetic Q (Qes)	0.35
Total Q (Qts)	0.33
Compliance Equivalent Volume (Vas)	36 liters / 1.27 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	62cc
Mechanical Compliance of Suspension (Cms)	0.21mm/N
BL Product (BL)	19.5 T-M
Diaphragm Mass inc. Airload (Mms)	28 grams
Efficiency Bandwidth Product (EBP)	186
Maximum Linear Excursion (Xmax)	1.8mm
Surface Area of Cone (Sd)	344.9 cm ²
Maximum Mechanical Limit (Xlim)	9.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	9.9-12.7 liters/0.35-0.45 cu.ft.
Vented	25.5-85 liters/0.9-3 cu.ft.
Overall Diameter	10.09", 256.2mm
Baffle Hole Diameter	9.15", 232.4mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	9.66", 245.4mm
Depth	4.25", 108mm
Net Weight	10.8 lbs., 4.9 kg
Shipping Weight	13.5 lbs., 6.1 kg

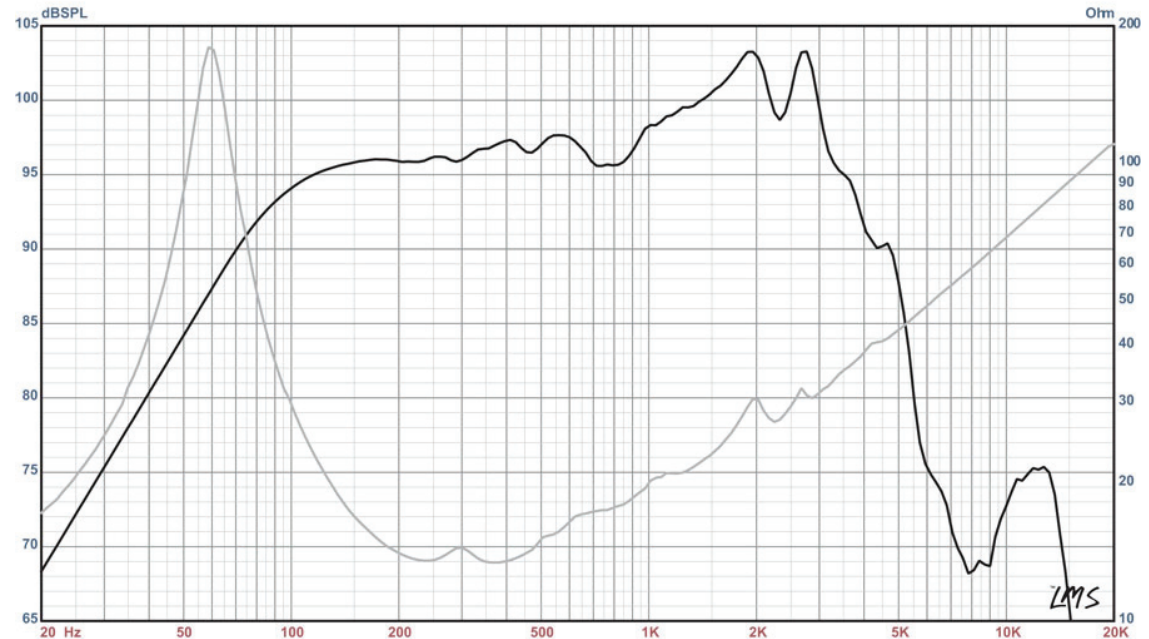
Materials of Construction

Aluminum voice coil
 Polyimide former
 Ferrite magnet
 Vented core
 Pressed steel basket
 Paper Cone
 Cloth cone edge
 Solid composition paper dust cap



DELTA-10B American Standard Series

Recommended for professional audio and bass guitar applications as a woofer/mid-bass or mid-range in vented monitors, satellites and multi-way enclosures.



* 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)