Specification

Nominal Basket Diameter	12”, 304.8mm
Nominal Impedance*	4 ohms
Power Rating**	
Watts	500W
Music Program	1000W
Resonance	52Hz
Usable Frequency Range***	45Hz-2.3kHz
Sensitivity	93.1
Magnet Weight	56 oz.
Gap Height	0.375”, 9.53mm
Voice Coil Diameter	2.5”, 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	52Hz
DC Resistance (Re)	3.2
Coil Inductance (Le)	.94mH
Mechanical Q (Qms)	8.21
Electromagnetic Q (Qes)	.47
Total Q (Qts)	.44
Compliance Equivalent Volume (Vas)	63.7 liters / 2.3 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	249cc
Mechanical Compliance of Suspension (Cms)	0.17mm/N
BL Product (BL)	10.9 T-M
Diaphragm Mass inc. Airload (Mms)	53 grams
Efficiency Bandwidth Product (EBP)	111.4
Maximum Linear Excursion (Xmax)	4.8mm
Surface Area of Cone (Sd)	519.5 cm2
Maximum Mechanical Limit (Xlim)	13.5mm

Mounting Information

Recommended Enclosure Volume	
Sealed	21-74 liters/0.7-2.6 cu.ft.
Vented	28-110 liters/1.0-3.9 cu.ft.
Driver Volume Displaced	137.3 cu.in. / 2.25 liters
Overall Diameter	12.03”, 305.5mm
Baffle Hole Diameter	10.95”, 278.1mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	Fitted as standard
Mounting Holes Diameter	0.25”, 6.4mm
Mounting Holes B.C.D.	11.59”, 294.4mm
Depth	5.88”, 149.35mm
Net Weight	11.8 lbs., 5.4 kg
Shipping Weight	14 lbs., 6.4 kg

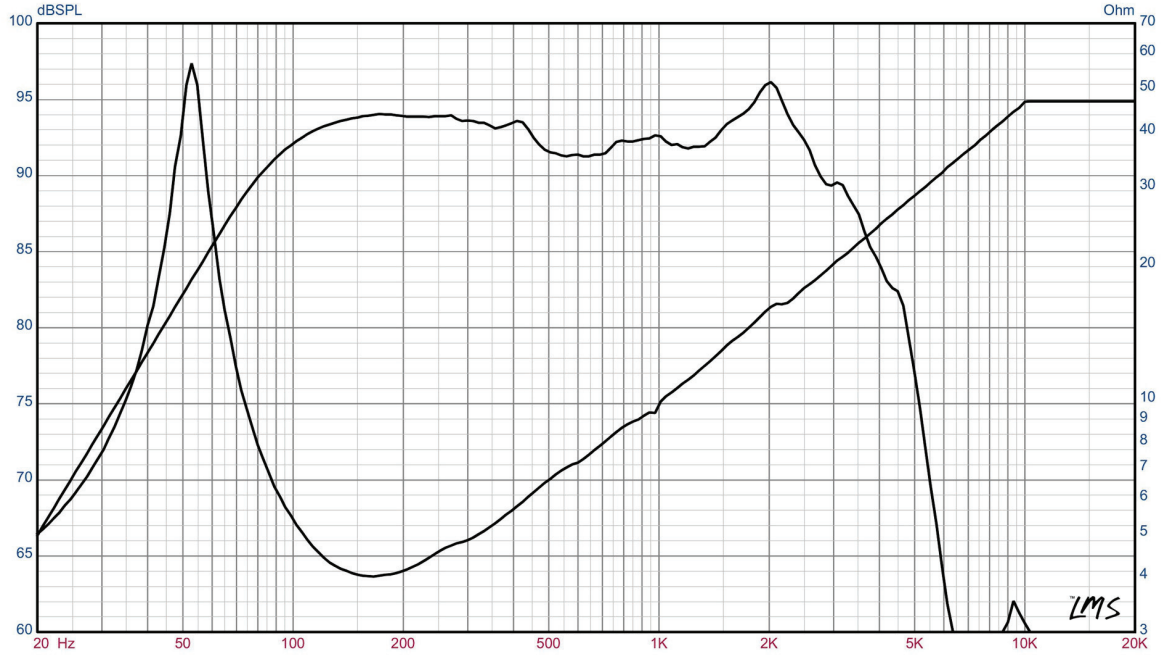
Materials of Construction

Copper voice coil
Kapton
Ferrite magnet
Vented and extended core
Pressed steel basket
Treated Paper Cone
Cloth cone edge
Solid composition paper dust cap

EMINENCE®
The Art and Science of Sound

DELTA-12LFC Neodymium Series

Recommended for professional audio mid-bass or floor monitor applications in a sealed enclosure. Also suitable as a woofer in vented, bass guitar or PA 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)