

NEODYMIUM SERIES

ALPHALITE™ 6A

Lightweight pro audio midbass driver.
For sealed, vented, or infinite baffle applications.

- 200 W Program Power
- 6.5" Nominal Diameter
- 8 Ω

APPLICATION		ENCLOSURE	
Midrange	<input checked="" type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofers	<input type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input type="checkbox"/>		



SPECIFICATION

Nominal Basket Diameter	6.5", 165 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	200 W
Nominal Power	100 W
Resonance	126 Hz
Usable Frequency Range	100 Hz – 5.5 kHz
Sensitivity*	94 dB
Magnet Weight	4 oz.
Gap Height	0.25", 6.4 mm
Voice Coil Diameter	1.5", 38 mm

THIELE & SMALL PARAMETERS

Fs	126 Hz
Re	7.3 Ω
Le	0.53 mH
Qms	6.51
Qes	0.61
Qts	0.56
Vas	0.17 cu.ft., 4.92 liters
Vd	46 cc
Cms	0.21 mm/N
BL	8.45 T-M
Mms	8 grams
EBP	205
Xmax	3.5 mm
Sd	129.9 cm ²
Xlim	4 mm

MOUNTING INFORMATION

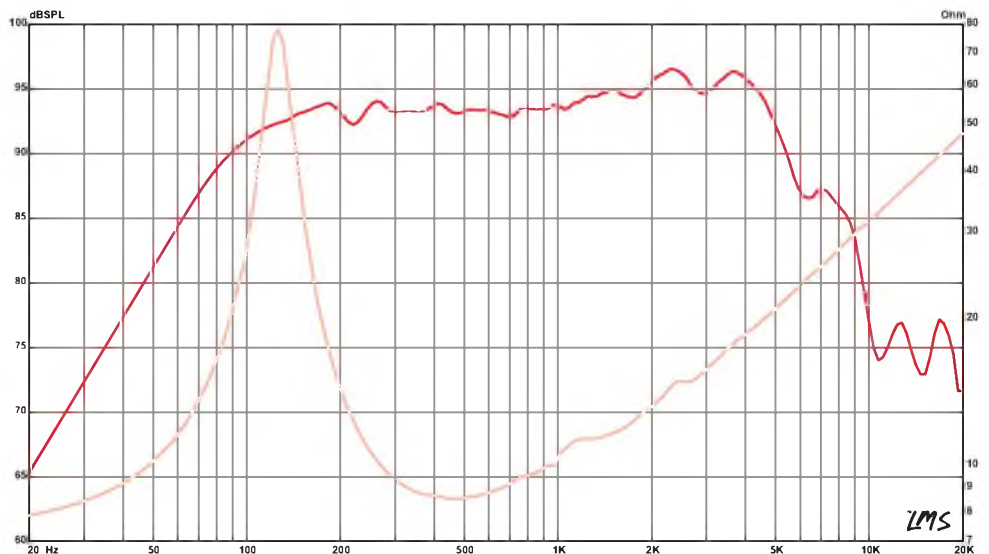
Recommended Enclosure Volume	
Sealed	2.83–566 liters, 0.1–20 cu.ft.
Vented	3–16 liters, 0.1–0.6 cu.ft.
Driver Volume Displaced	0.01 cu.ft., 0.27 liters
Overall Diameter	6.59", 167.4 mm
Baffle Hole Diameter	5.69", 144.5 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.23", 5.8 mm
Mounting Holes B.C.D.	6.06", 153.9 mm
Depth	2.4", 61 mm
Net Weight	2.2 lbs., 1 kg
Shipping Weight	2.9 lbs., 1.32 kg

MATERIALS OF CONSTRUCTION

Round copper voice coil
Kapton former
Neodymium magnet
Vented and Extended core
Pressed steel basket
Paper cone
Cloth cone edge
Treated paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.