

AMERICAN STANDARD SERIES

ALPHA-5

The Alpha 5 offers unmistakable performance with an emphasis on value. Rated at 250 watts program power, this 5" midbass features a water-resistant cone and dust cap, making it an excellent choice for line array or column array applications.

- 250 W Program Power
- 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"/>
Woofer	<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	5", 127 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	250 W
Nominal Power	125 W
Resonance	87 Hz
Usable Frequency Range	87 Hz – 3.5 kHz
Sensitivity*	89.4 dB
Magnet Weight	20 oz.
Gap Height	0.23", 5.84 mm
Voice Coil Diameter	1.5", 38 mm

MATERIALS OF CONSTRUCTION

Aluminum voice coil
Polyimide former
Ferrite magnet
Vented core
Pressed steel basket
Water resistant cone pulp
Cloth cone edge
Water resistant paper dust cap



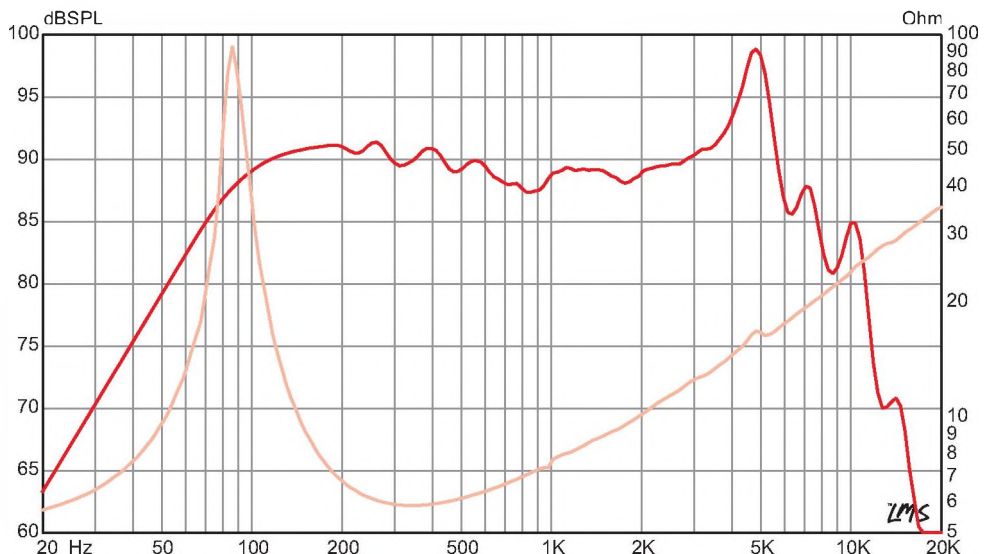
THIELE & SMALL PARAMETERS

Fs	87 Hz
Re	5.0 Ω
Le	0.29 mH
Qms	11.81
Qes	0.56
Qts	0.54
Vas	0.22 cu.ft., 6.14 liters
Vd	60.75 cc
Cms	0.42 mm/N
BL	6.22 T-M
Mms	7.96 grams
EBP	154.56
Xmax	5.92 mm
Sd	102.61 cm ²
Xlim	6.4 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	3.4–7.93 liters, 0.12–0.28 cu.ft.
Vented	6.8–14.16 liters, 0.24–0.5 cu.ft.
Driver Volume Displaced	0.018 cu.ft., 0.51 liters
Major Diameter	5.87", 149.1 mm
Flat to Flat Diameter	5.27", 133.86 mm
Baffle Hole Diameter	4.80", 121.92 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.197", 5.0 mm
Mounting Holes B.C.D.	5.39", 136.9 mm
Depth	2.91", 73.9 mm
Net Weight	3.1 lbs., 1.41 kg
Shipping Weight	3.5 lbs., 1.59 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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