

AMERICAN STANDARD SERIES

ALPHA-6A

Very versatile and great sounding pro audio midrange in a sealed cabinet, or as a midbass in a vented satellite enclosure.

- 200 W Program Power
- 6.5" Nominal Diameter
- 8 or 4 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	6.5", 165 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	200 W
Nominal Power	100 W
Resonance	103 Hz
Usable Frequency Range	95 Hz – 6 kHz
Sensitivity*	93.6 dB
Magnet Weight	20 oz.
Gap Height	0.25", 6.4 mm
Voice Coil Diameter	1.5", 38 mm

MATERIALS OF CONSTRUCTION

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



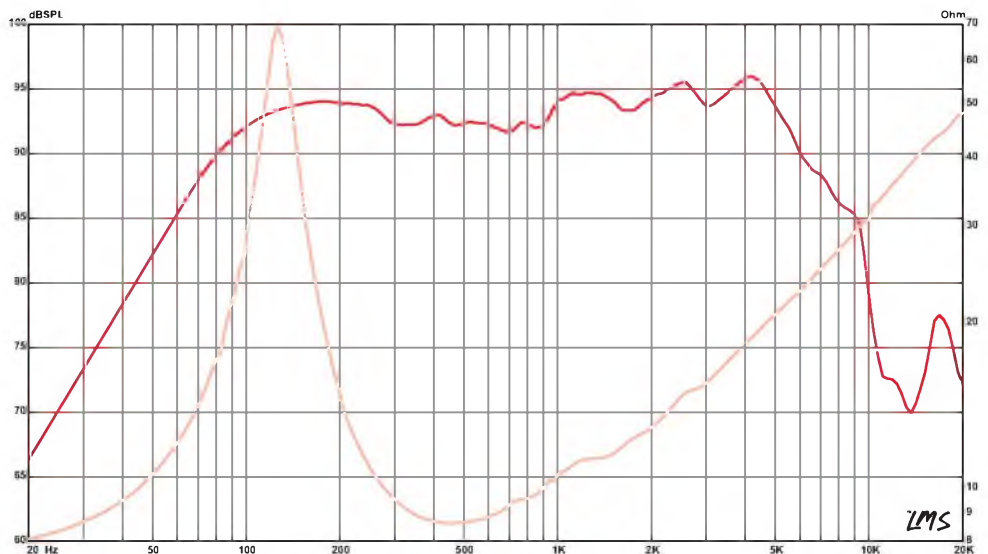
THIELE & SMALL PARAMETERS

Fs	103 Hz
Re	7.2 Ω
Le	0.19 mH
Qms	5.68
Qes	0.6
Qts	0.54
Vas	0.2 cu.ft., 5.8 liters
Vd	44 cc
Cms	0.26 mm/N
BL	8 T-M
Mms	7 grams
EBP	159
Xmax	3.5 mm
Sd	126.7 cm ²
Xlim	4 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	2.8–5.7 liters, 0.1–0.2 cu.ft.
Vented	3.4–15.6 liters, 0.12–0.55 cu.ft.
Driver Volume Displaced	0.014 cu.ft., 0.41 liters
Overall Diameter	6.59", 167.4 mm
Baffle Hole Diameter	5.65", 143.5 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	2.8", 71.1 mm
Net Weight	4.1 lbs , 1.86 kg
Shipping Weight	4.8 lbs , 2.18 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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