

AMERICAN STANDARD SERIES

ALPHA-8MRA

Recommended for pro audio and bass guitar applications as a midrange. Sealed basket makes this woofer independent of enclosure design.

- 250 W Program Power
- 8" Nominal Diameter
- 8 Ω

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

SPECIFICATION

Nominal Basket Diameter	8", 203 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	250 W
Nominal Power	125 W
Resonance	514 Hz
Usable Frequency Range	400 Hz – 4.8 kHz
Sensitivity*	100.9 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 core
Pressed steel basket with closed back
Paper cone
Paper cone edge
Solid composition paper dust cap



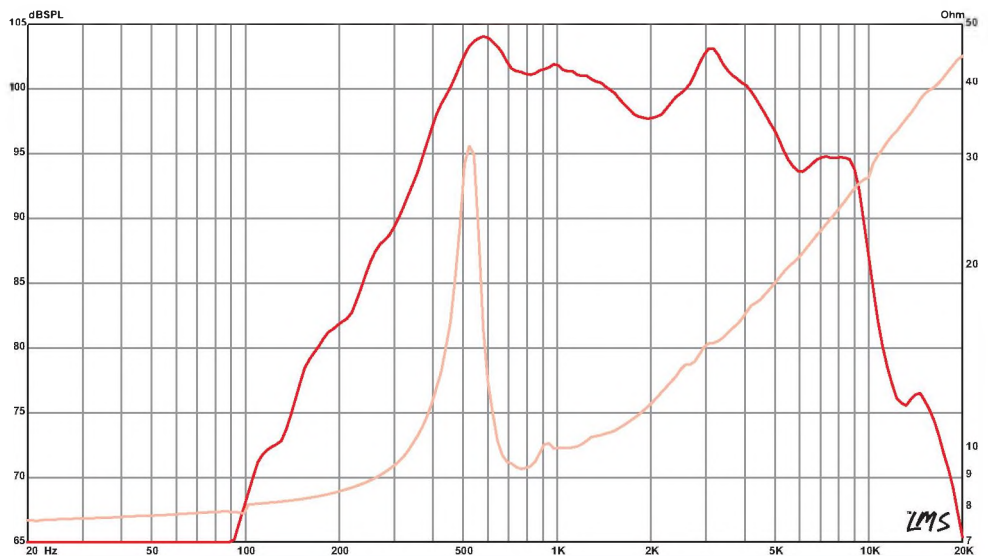
THIELE & SMALL PARAMETERS

Fs	514 Hz
Re	7.32 Ω
Le	0.34 mH
Qms	4.48
Qes	2.08
Qts	1.42
Vas	0.03 cu.ft., 0.8 liters
Vd	0 cc
Cms	0.01 mm/N
BL	8.9 T-M
Mms	7 grams
EBP	247
Xmax	1.6 mm
Sd	205.9 cm ²
Xlim	3 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	N/A
Driver Volume Displaced	0.02 cu.ft., 0.58 liters
Overall Diameter	8.22", 208.8 mm
Baffle Hole Diameter	7.19", 182.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.22", 5.6 mm
Mounting Holes B.C.D.	7.78", 197.6 mm
Depth	3.25", 82.6 mm
Net Weight	4.4 lbs., 2 kg
Shipping Weight	5.1 lbs., 2.31 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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