

AMERICAN STANDARD SERIES

LA6-CBMR

Recommended for pro audio midrange applications from 500Hz-3kHz. Features a closed truncated basket for close spacing in line-arrays. Use it in a two-way box for better bass tone.

- 300 W Program Power
- 6.5" 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 type="checkbox"/>		



SPECIFICATION

Nominal Basket Diameter	6.5", 165 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	300 W
Nominal Power	150 W
Resonance	460 Hz
Usable Frequency Range	500 Hz – 5.4 kHz
Sensitivity*	97.8 dB
Magnet Weight	38 oz.
Gap Height	0.31", 7.9 mm
Voice Coil Diameter	1.5", 38 mm

THIELE & SMALL PARAMETERS

Fs	460 Hz
Re	6.3 Ω
Le	0.33 mH
Qms	3.13
Qes	1.24
Qts	0.89
Vas	0.01 cu.ft., 0.4 liters
Vd	2.7 cc
Cms	0.01 mm/N
BL	11.1 T-M
Mms	9 grams
EBP	371
Xmax	0.2 mm
Sd	133.1 cm ²
Xlim	0.8 mm

MOUNTING INFORMATION

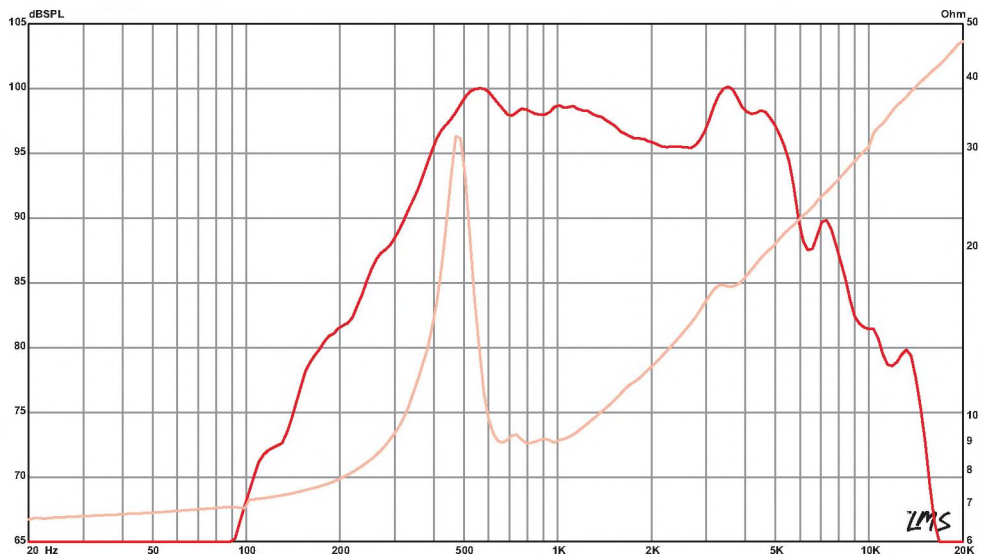
Recommended Enclosure Volume	
Sealed	N/A
Vented	N/A
Driver Volume Displaced	0.022 cu.ft., 0.62 liters
Major Diameter	6.59", 167.4 mm
Flat to Flat Diameter	6.0", 152.4 mm
Baffle Hole Diameter	5.65", 143.5 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.23", 5.8 mm
Mounting Holes B.C.D.	6.06", 153.9 mm
Depth	2.77", 70.4 mm
Net Weight	6.7 lbs , 3.04 kg
Shipping Weight	7.2 lbs , 3.27 kg

MATERIALS OF CONSTRUCTION

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



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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