

AMERICAN STANDARD SERIES

ALPHA-6CBMRA

Recommended for pro audio, car audio, and bass guitar midrange applications. Sealed basket affords this speaker enclosure independence.

- 200 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 | 200 W |
| Nominal Power | 100 W |
| Resonance | 407 Hz |
| Usable Frequency Range | 400 Hz – 5 kHz |
| Sensitivity* | 97.8 dB |
| Magnet Weight | 16 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 |
| Non-vented core |
| Pressed steel basket |
| Paper cone |
| Cloth cone edge |
| Solid composition paper dust cap |



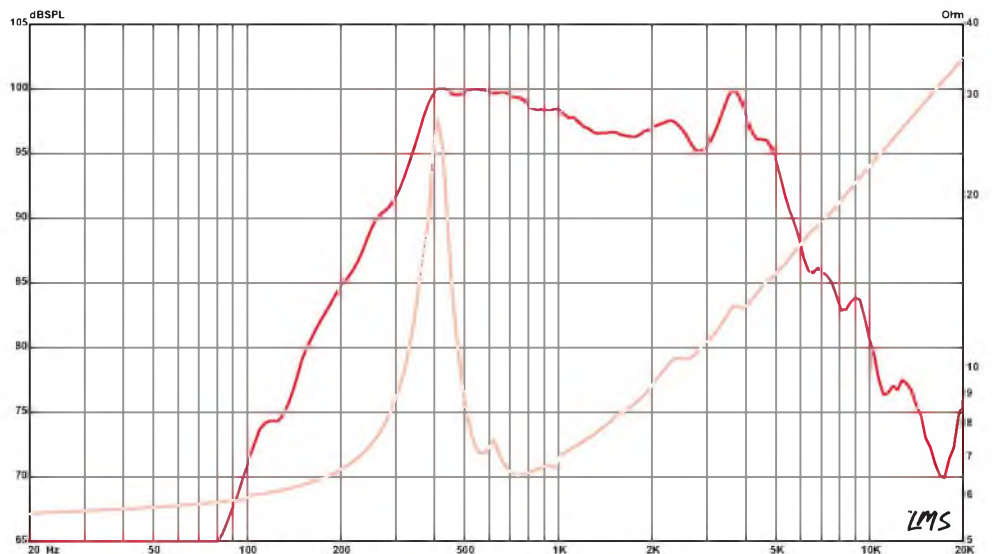
THIELE & SMALL PARAMETERS

| | |
|------|--------------------------|
| Fs | 407 Hz |
| Re | 5.26 Ω |
| Le | 0.38 mH |
| Qms | 6.04 |
| Qes | 1.74 |
| Qts | 1.35 |
| Vas | 0.02 cu.ft., 0.45 liters |
| Vd | 19 cc |
| Cms | 0.02 mm/N |
| BL | 7.86 T-M |
| Mms | 8 grams |
| EBP | 234 |
| Xmax | 1.5 mm |
| Sd | 126.7 cm ² |
| Xlim | 3 mm |

MOUNTING INFORMATION

| | |
|------------------------------|--------------------------|
| Recommended Enclosure Volume | |
| Sealed | N/A |
| Vented | N/A |
| Driver Volume Displaced | 0.014 cu.ft., 0.4 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 | 2.2", 55.9 mm |
| Net Weight | 3.7 lbs, 1.68 kg |
| Shipping Weight | 4.4 lbs, 2 kg |

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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