



AMERICAN STANDARD SERIES

ALPHA-8A

Recommended for professional audio mid-range applications in a sealed cabinet, or as a mid-bass in a vented satellite enclosure.



SPECIFICATION

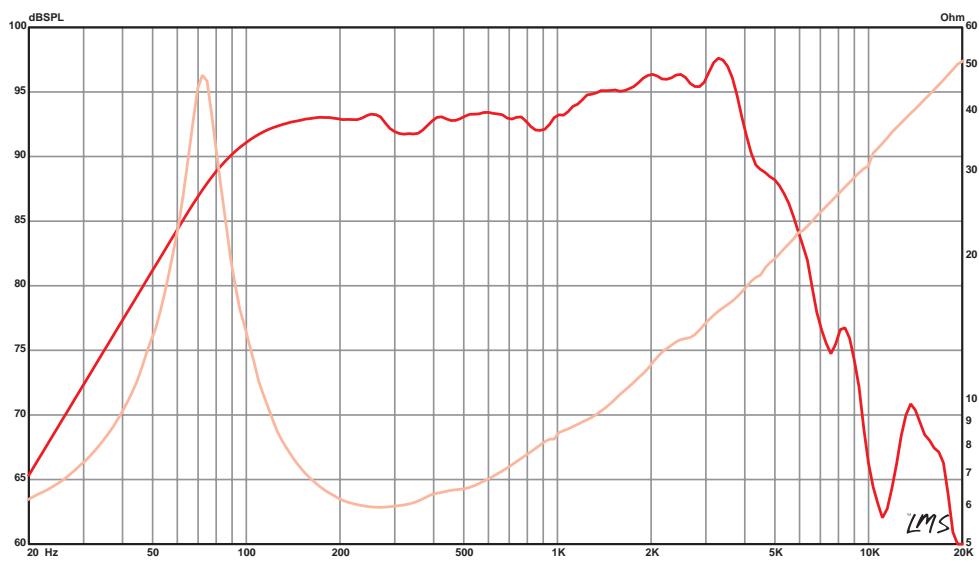
SPECIFICATION		THIELE & SMALL PARAMETERS*		MOUNTING INFORMATION	
Nominal Basket Diameter	8.0", 203 mm	Fs	73 Hz	Recommended Enclosure Volume	
Nominal Impedance*	8 Ω	Re	5.30 Ω	Sealed	5.00–7.00 liters, 0.18–0.25 cu.ft.
Power Rating**		Le	0.44 mH	Vented	16.70–25.50 liters, 0.59–0.90 cu.ft.
Watts	125 W	Qms	4.60	Driver Volume Displaced	0.020 cu.ft., 0.58 liters
Music Program	250 W	Qes	0.68	Overall Diameter	8.24", 209.3 mm
Resonance	73 Hz	Qts	0.59	Baffle Hole Diameter	7.13", 181.1 mm
Usable Frequency Range	58 Hz – 5.0 kHz	Vas	0.63 cu.ft., 17.70 liters	Front Sealing Gasket	Yes
Sensitivity***	94.0 dB	Vd	67.0 cc	Rear Sealing Gasket	Yes
Magnet Weight	20 oz.	Cms	0.28 mm/N	Mounting Holes Diameter	0.22", 5.6 mm
Gap Height	.250", 6.4 mm	BL	7.80 T-M	Mounting Holes B.C.D.	7.75", 196.9 mm
Voice Coil Diameter	1.5", 38 mm	Mms	17 grams	Depth	3.25", 82.6 mm
		EBP	107	Net Weight	4.30 lbs , 1.95 kg
		Xmax	3.20 mm	Shipping Weight	5.10 lbs , 2.31 kg
		Sd	210.0 cm ²		
		Xlim	7.1 mm		

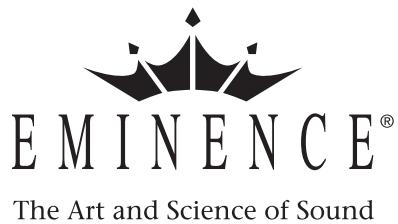
MATERIALS OF CONSTRUCTION

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



FREQUENCY RESPONSE & IMPEDANCE CURVE*





From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

MISSION STATEMENT

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

FOOTNOTES

- * Please consult www.eminence.com for specifications of models with alternative impedances.
- ** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.
- *** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).
- **** BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.
- ***** Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.
- *****The average on axis output across the entire usable frequency range when applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.

EMINENCE SPEAKER LLC

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