EMINENCE®

The Art and Science of Sound

Signature 12”

GA-SC6416

Vintage American ceramic magnet tone approved by legendary amp builder, George Alessandro. Well-balanced from top to bottom with tight, full lows, warm mids, and warm, but open highs.

SPECIFICATION

Nominal Basket Diameter	12”, 305 mm
Nominal Impedance*	16 Ω
Power Rating**	40 W
Resonance (Fs)	90 Hz
Usable Frequency Range	80 Hz – 5.3 kHz
Sensitivity***	101.4 dB
DC Resistance (Re)	15.33 Ω
Magnet Weight	38 oz.
Gap Height	0.313”, 8 mm
Voice Coil Diameter	1.75”, 44 mm

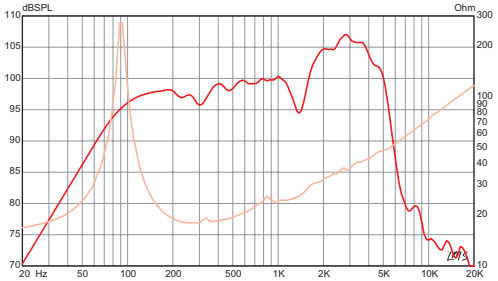
MOUNTING INFORMATION

Enclosure Type	
Closed Back	ACCEPTABLE
Open Back	ACCEPTABLE
Overall Diameter	12.17”, 309.1 mm
Baffle Hole Diameter	11.13”, 282.7 mm
Depth	5.13”, 130.3 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.24”, 6.1 mm
Mounting Holes B.C.D.	11.75”, 298.5 mm
Net Weight	7.5 lbs , 3.4 kg
Shipping Weight	8.4 lbs , 3.81 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Paper former
- Ferrite magnet
- Non-vented core
- Pressed steel basket
- Paper cone
- Paper cone edge
- Solid composition felt dust cap

FREQUENCY RESPONSE*



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* See footnotes on page 2 for information regarding nominal impedance, power rating and sensitivity.

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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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DESIGNED AND ASSEMBLED IN THE USA

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