EMINENCE®

PROFESSIONAL SERIES

DEFINIMAX™ 4012ULF-8

A high-power, ultra-low frequency enhanced version of the popular Definimax 4012HO. Perfect for horn loading, or in micro-sized vented subwoofers for lots of clean punch and deep lows.

- ☐ Midrange
- ☐ Midbass
- ☐ Woofer
- ☑ Subwoofer
- ☐ Bass Guitar
- ☐ Sealed Box
- ☑ Vented Box
- ☐ Scoop Loading
- ☑ Horn Loading

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	1200 W
Music Program	2400 W
Resonance	40 Hz
Usable Frequency Range	37 Hz – 0.2 kHz
Sensitivity***	90.7 dB
Magnet Weight	109 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	4", 102 mm

THIELE & SMALL PARAMETERS*

Fs	40 Hz
Re	6.2 Ω
Le	4.32 mH
Qms	12.13
Qes	0.32
Qts	0.31
Vas	1.46 cu.ft., 41.3 liters
Vd	365.4 cc
Cms	0.1 mm/N
BL	27.38 T-M
Mms	153 grams
EBP	126
Xmax	6.7 mm
Sd	545.4 cm2
Xlim	15.5 mm

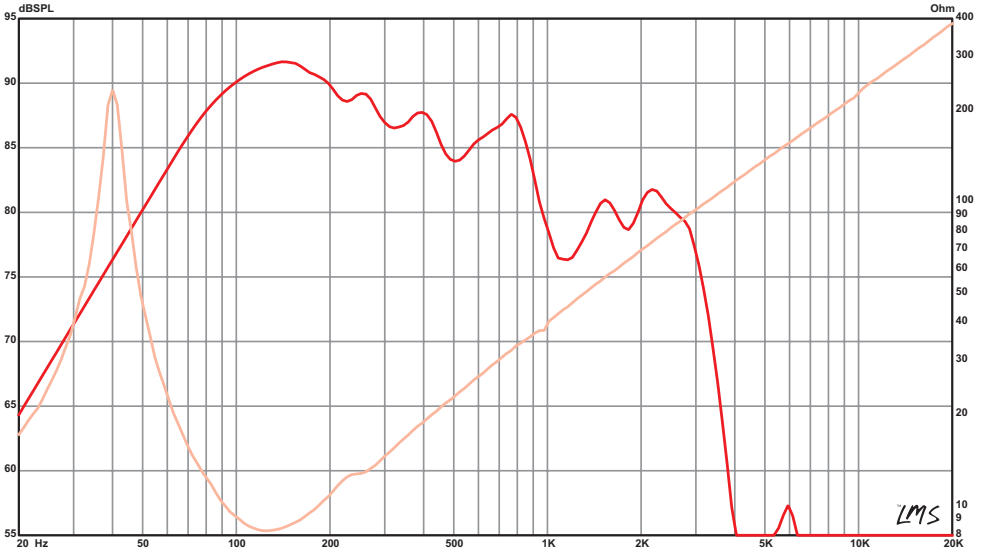
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	42.48–113.27 liters, 1.5–4 cu.ft.
Driver Volume Displaced	0.106 cu.ft., 3 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.27", 6.9 mm
Mounting Holes B.C.D.	11.69", 296.9 mm
Depth	5.32", 135.1 mm
Net Weight	22.3 lbs , 10.12 kg
Shipping Weight	24.6 lbs , 11.16 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Kapton former
- Ferrite magnet
- Undercut with aluminum shorting ring and Core Periphery Ventilation
- Die-cast aluminum basket
- Water resistant paper cone
- Cloth cone edge
- Water resistant treated paper dust cap

FREQUENCY RESPONSE & IMPEDANCE CURVE*



LEARN MORE AT EMINENCE.COM

EMINENCE®

The Art and Science of Sound

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

838 Mulberry Pike, Eminence, KY 40019

DESIGNED AND ASSEMBLED IN THE USA

Follow us:

EMINENCE.COM YouTube