

PROFESSIONAL SERIES

DEFINIMAX™ 4012ULF

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.

- 2400 W Program Power
- 12" Nominal Diameter
- 8 Ω

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input type="checkbox"/>
Midbass	<input type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input type="checkbox"/>	Scoop Loading	<input type="checkbox"/>
Subwoofer	<input checked="" type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input type="checkbox"/>		

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	2400 W
Nominal Power	1200 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

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



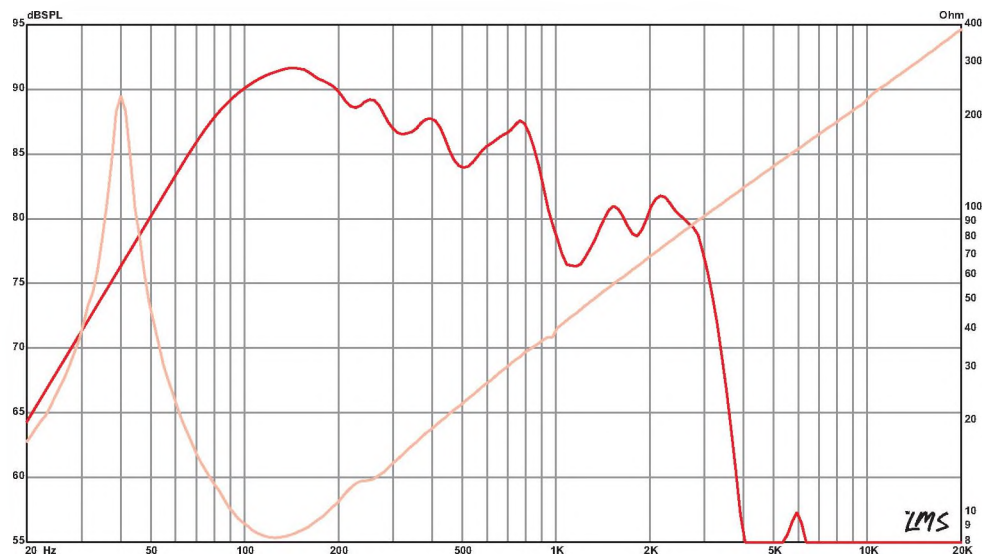
THIELE & SMALL PARAMETERS

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 cm ²
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

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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