

PROFESSIONAL SERIES

DEFINIMAX™ 4012HO

High output, low distortion midbass or woofer with a broad frequency response. Recommended for pro audio in both sealed and vented enclosures.

- 1200 W Program Power
- 12" Nominal Diameter
- 8 Ω



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

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	1200 W
Nominal Power	600 W
Resonance	51 Hz
Usable Frequency Range	48 Hz – 2.7 kHz
Sensitivity*	96.2 dB
Magnet Weight	109 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	4", 102 mm

THIELE & SMALL PARAMETERS

Fs	51 Hz
Re	5.52 Ω
Le	0.95 mH
Qms	11.03
Qes	0.36
Qts	0.35
Vas	1.9 cu.ft., 53.68 liters
Vd	338.2 cc
Cms	0.13 mm/N
BL	19.56 T-M
Mms	78 grams
EBP	142
Xmax	6.2 mm
Sd	545.4 cm ²
Xlim	11.2 mm

MOUNTING INFORMATION

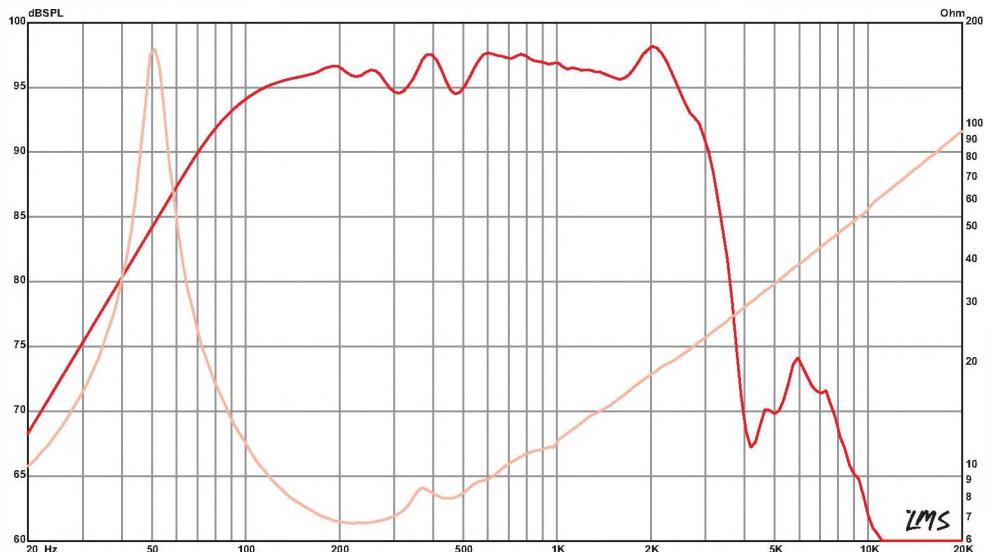
Recommended Enclosure Volume	
Sealed	25.49–76.46 liters, 0.9–2.7 cu.ft.
Vented	33.98–99.11 liters, 1.2–3.5 cu.ft.
Driver Volume Displaced	0.106 cu.ft., 3 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.06", 280.9 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.27", 6.9 mm
Mounting Holes B.C.D.	11.69", 296.9 mm
Depth	5.32", 135.1 mm
Net Weight	22.5 lbs., 10.21 kg
Shipping Weight	24.8 lbs., 11.25 kg

MATERIALS OF CONSTRUCTION

- Edge wound 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*



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