EMINENCE®
The Art and Science of Sound

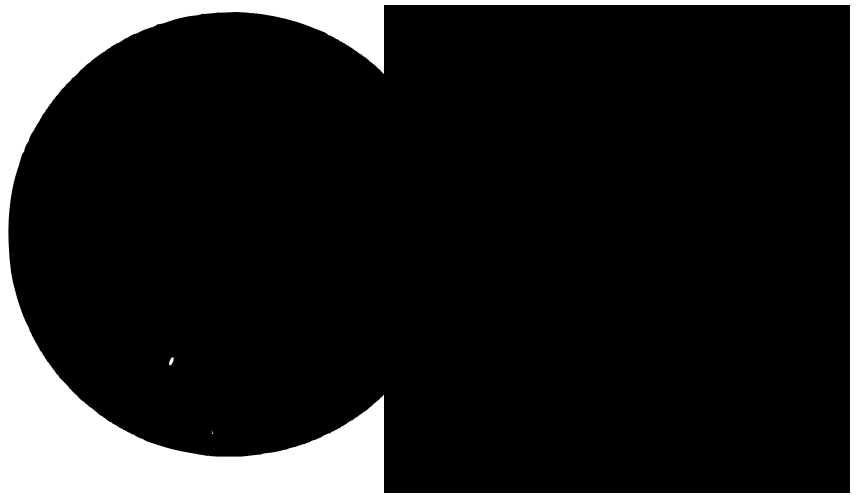
PROFESSIONAL SERIES

OMEGA PRO 12-2KW-8

High-power (1000 watts AES tested) woofer especially suited for 2-way applications.

- **2000 W Program Power**
- **15" Nominal Diameter**
- **8 Ω**
- **Water Resistant Cone and Dustcap**

APPLICATION		ENCLOSURE	
Midrange		Sealed Box	
Midbass	✔	Vented Box	✔
Woofer	✔	Scoop Loading	✔
Subwoofer	✔	Horn Loading	✔
Bass Guitar	✔		



Forget lugging those extra subs around because your mains can't go there. Eminence Omega Pro 2KWs get low in those small vented boxes. With 4,000W (peak) AES power handling potential, high-power two-layer fiberglass coil, weatherproofing treatments, and carefully optimized components, the 2KWs generate smooth frequency responses for the most manageable passive or active network designs you will ever encounter.

SPECIFICATION

Nominal Basket Diameter	12", 304.8 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	2000 W
Nominal Power	1000 W
Resonance	48.14 Hz
Usable Frequency Range	42 Hz – 1.6 kHz
Sensitivity*	93.33 dB
Magnet Weight	109 oz.
Gap Height	0.375", 9.53 mm
Voice Coil Diameter	4", 101.6 mm

MATERIALS OF CONSTRUCTION

Inside/Outside Double-Layer Copper Voice Coil
Fiberglass Former
Ferrite Magnet
Vented Core and Back Plate
Die-cast Aluminum Basket
Water Resistant Treated Paper Dustcap
Water Resistant Treated Paper Cone

THIELE & SMALL PARAMETERS

Fs	48.14 Hz
Re	6.04 Ω
Le	1.13 mH
Qms	14.88
Qes	0.40
Qts	0.39
Vas	1.75 cu.ft., 49.55 liters
Vd	387 cc
Cms	0.12 mm/N
BL	20.4 T-M
Mms	91.96 grams
EBP	119.2
Xmax	7.1 mm
Sd	545.4 cm2
Xlim	19.6 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	Not Recommended
Vented	31.15–81.78 liters, 1.1–3.1 cu.ft.
Driver Volume Displaced	183.2 cu.in., 3 liters
Overall Diameter	12.38", 314.45 mm
Baffle Hole Diameter	11.06", 280.92 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.28", 7.112 mm
Mounting Holes B.C.D.	11.7", 297.18 mm
Depth	6.04", 153.416 mm
Net Weight	21.8 lbs , 9.89 kg
Shipping Weight	23.8 lbs , 10.8 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*