



EMINENCE[®]
The Art and Science of Sound
PROFESSIONAL SERIES

OMEGA PRO 15-2KW-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	<input type="checkbox"/>	Sealed Box	<input 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	15", 381 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	2000 W
Nominal Power	1000 W
Resonance	39.67 Hz
Usable Frequency Range	39 Hz - 1.245 kHz
Sensitivity*	94.9 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



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.

THIELE & SMALL PARAMETERS

Fs	39.67 Hz
Re	5.95 Ω
Le	1.13 mH
Qms	13.9
Qes	0.46
Qts	0.44
Vas	5.03 cu.ft., 142.51 liters
Vd	634 cc
Cms	0.14 mm/N
BL	19.07 T-M
Mms	111.87 grams
EBP	86.96
Xmax	7.4 mm
Sd	856.3 cm ²
Xlim	13 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	Not Recommended
Vented	77.87-198.22 liters, 2.75-7 cu.ft.
Driver Volume Displaced	263 cu.in., 4.31 liters
Overall Diameter	15.24", 387.1 mm
Baffle Hole Diameter	14", 355.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.275", 6.985 mm
Mounting Holes B.C.D.	14.562", 369.87 mm
Depth	6.42", 163.068 mm
Net Weight	22 lbs., 9.98 kg
Shipping Weight	26 lbs., 11.79 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*

