PROFESSIONAL SERIES

IMPERO™ 15A

High power woofer recommended for pro audio in vented enclosures. Suited for two-way top boxes, full-range two-way and three-way boxes, bass guitar boxes, and small subwoofers.

- **2400 W** Program Power
- **15"** Nominal Diameter
- **8 Ω**

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

SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 oir 4 Ω
Power Rating*	
Program Power	2400 W
Nominal Power	1200 W
Resonance	43 Hz
Usable Frequency Range	46 Hz – 2 kHz
Sensitivity*	95.6 dB
Magnet Weight	109 oz.
Gap Height	0.5", 12.7 mm
Voice Coil Diameter	4", 102 mm

THIELE & SMALL PARAMETERS

Fs	43 Hz
Re	5.42 Ω
Le	1.47 mH
Qms	15.33
Qes	0.4
Qts	0.39
Vas	5.03 cu.ft., 142.51 liters
Vd	625.1 cc
Cms	0.14 mm/N
BL	19.18 T-M
Mms	101 grams
EBP	107
Xmax	7.3 mm
Sd	856.3 cm2
Xlim	15.4 mm

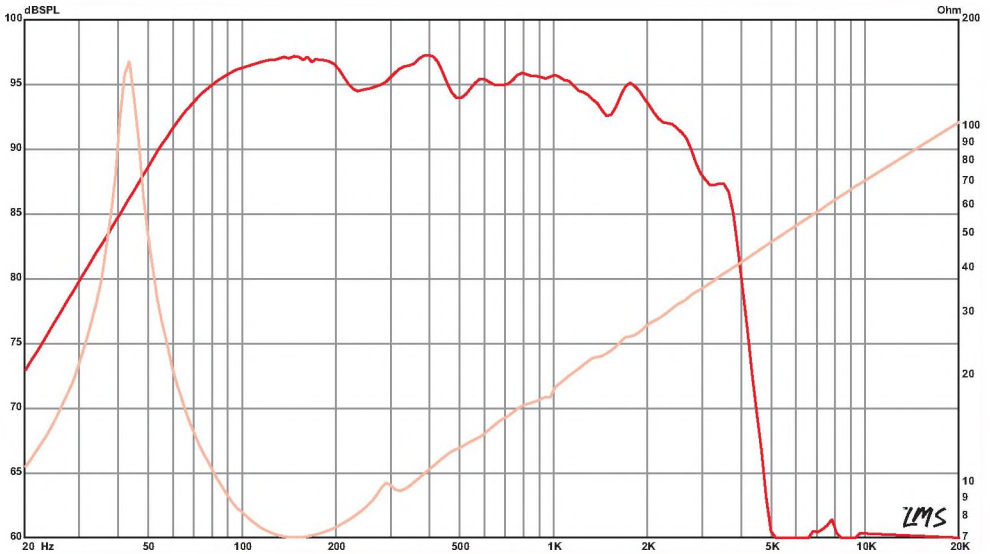
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	53.8–184.06 liters, 1.9–6.5 cu.ft.
Driver Volume Displaced	0.155 cu.ft., 4.4 liters
Overall Diameter	15.22", 386.6 mm
Baffle Hole Diameter	13.99", 355.4 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.56", 166.6 mm
Net Weight	24.8 lbs , 11.25 kg
Shipping Weight	27.5 lbs , 12.47 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Fiberglass former
- Ferrite magnet
- Bumped Vented Extended core
- Die-cast aluminum basket
- Water resistant paper cone
- Treated 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.