

PROFESSIONAL SERIES

SIGMA PRO 18-4

High efficiency, high value pro audio woofer for vented enclosures. Gives you the most from your low powered amp.

- 1400 W Program Power
- 18" Nominal Diameter
- 4 Ω

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



SPECIFICATION

Nominal Basket Diameter	18", 457 mm
Nominal Impedance*	4 Ω
Power Rating*	
Program Power	1400 W
Nominal Power	700 W
Resonance	32 Hz
Usable Frequency Range	32 Hz - 2 kHz
Sensitivity*	97.6 dB
Magnet Weight	120 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

THIELE & SMALL PARAMETERS

Fs	32 Hz
Re	3.35 Ω
Le	0.85 mH
Qms	14.79
Qes	0.3
Qts	0.29
Vas	12.74 cu.ft., 360.84 liters
Vd	695 cc
Cms	0.2 mm/N
BL	16.54 T-M
Mms	121 grams
EBP	107
Xmax	7 mm
Sd	1140 cm ²
Xlim	18 mm

MOUNTING INFORMATION

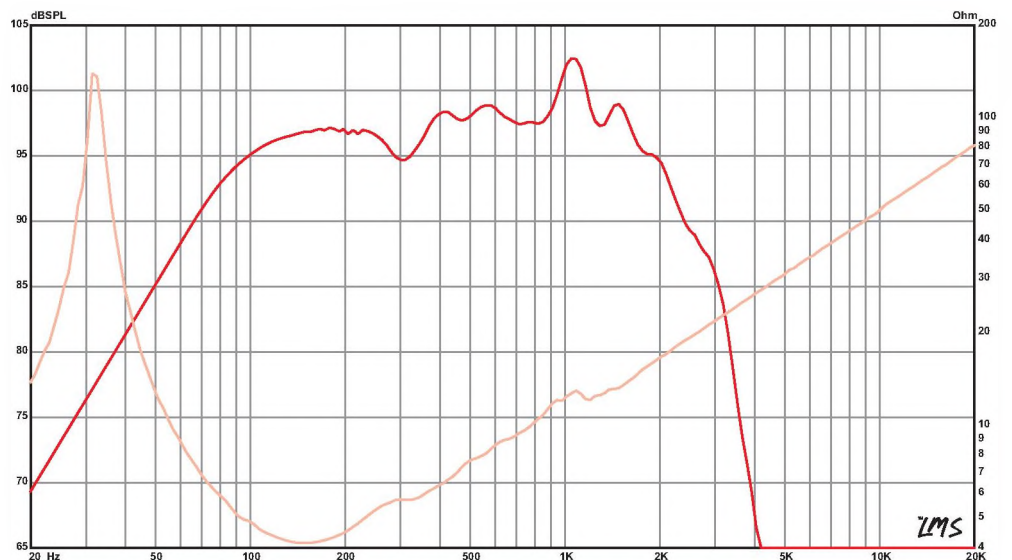
Recommended Enclosure Volume	
Sealed	N/A
Vented	84.95-212.38 liters, 3-7.5 cu.ft.
Driver Volume Displaced	0.234 cu.ft., 6.62 liters
Overall Diameter	18", 457.2 mm
Baffle Hole Diameter	16.56", 420.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	17.25", 438.2 mm
Depth	8.15", 207 mm
Net Weight	24.5 lbs., 11.11 kg
Shipping Weight	28.1 lbs., 12.75 kg

MATERIALS OF CONSTRUCTION

Copper voice coil
Polyimide former
Ferrite magnet
Vented and extended core
Die-cast aluminum basket
Paper cone
Cloth cone edge
Solid composition paper dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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