

PROFESSIONAL SERIES

KILOMAX[®] PRO 18A

Recommended for professional audio subwoofer and woofer applications in sealed and vented enclosures. Not for horn-loading or scoops.

- 2500 W Program Power
- 18" Nominal Diameter
- 8 Ω

APPLICATION	ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box <input checked="" 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*	8 Ω
Power Rating*	
Program Power	2500 W
Nominal Power	1250 W
Resonance	32 Hz
Usable Frequency Range	33 Hz - 0.3 kHz
Sensitivity*	95.8 dB
Magnet Weight	109 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	4", 102 mm

THIELE & SMALL PARAMETERS

Fs	32 Hz
Re	5.07 Ω
Le	1.59 mH
Qms	10.15
Qes	0.49
Qts	0.47
Vas	11.71 cu. ft., 331.5 liters
Vd	1159 cc
Cms	0.18 mm/N
BL	17.2 T-M
Mms	143 grams
EBP	65
Xmax	10 mm
Sd	1159 cm ²
Xlim	19.2 mm

MOUNTING INFORMATION

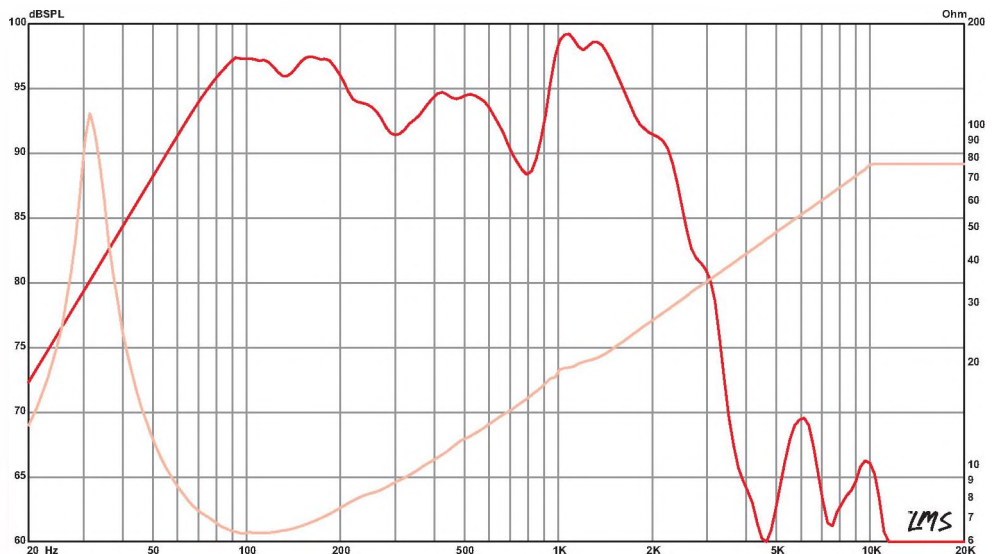
Recommended Enclosure Volume	
Sealed	104.8–172.7 liters, 3.7–6.1 cu. ft.
Vented	118.9–303 liters, 4.2–10.7 cu. ft.
Driver Volume Displaced	0.234 cu. ft., 6.62 liters
Overall Diameter	18", 457.2 mm
Baffle Hole Diameter	16.56", 420.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	17.25", 438.2 mm
Depth	8.15", 207 mm
Net Weight	27.4 lbs., 12.43 kg
Shipping Weight	30.9 lbs., 14.02 kg

MATERIALS OF CONSTRUCTION

Copper voice coil
Kapton former
Ferrite magnet
Extended core with Core Periphery Ventilation
Die-cast aluminum basket
Treated Paper-Kevlar
Cloth cone edge
Porous cloth top spider/ heatsink



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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