EMINENCE®

PROFESSIONAL SERIES

KILOMAX® PRO 18A

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



SPECIFICATION

Nominal Basket Diameter	18.0", 457 mm
Nominal Impedance*	8 Ω
Power Rating**	
Watts	1250 W
Music Program	2500 W
Resonance	32 Hz
Usable Frequency Range	33 Hz – 0.3 kHz
Sensitivity***	95.8 dB
Magnet Weight	109 oz.
Gap Height	.375", 9.5 mm
Voice Coil Diameter	4.0", 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., 331.50 liters
Vd	1159.0 cc
Cms	0.18 mm/N
BL	17.20 T-M
Mms	143 grams
EBP	65
Xmax	10.00 mm
Sd	1159.0 cm2
Xlim	19.2 mm

MOUNTING INFORMATION

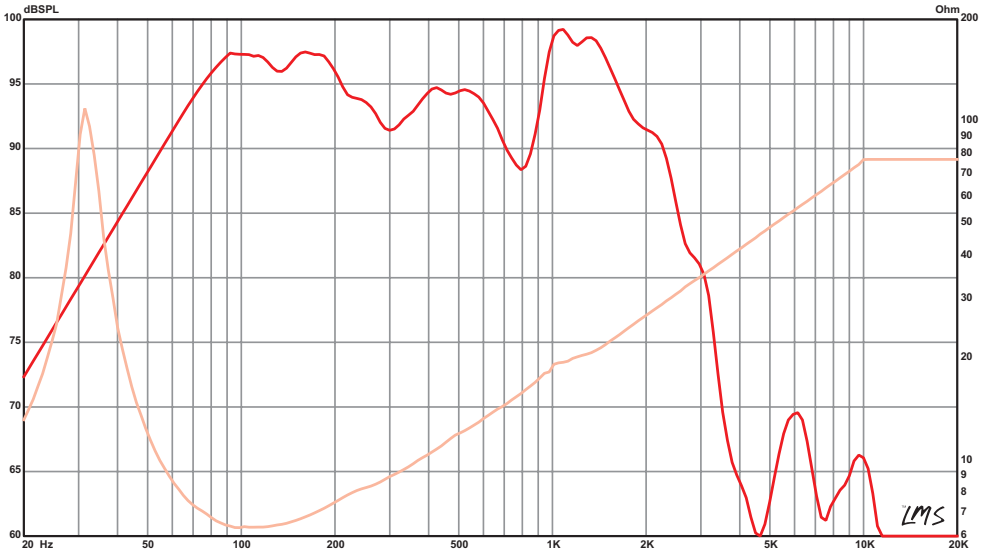
Recommended Enclosure Volume	
Sealed	104.80–172.70 liters, 3.70–6.10 cu.ft.
Vented	118.90–303.00 liters, 4.20–10.70 cu.ft.
Driver Volume Displaced	0.234 cu.ft., 6.62 liters
Overall Diameter	18.00", 457.2 mm
Baffle Hole Diameter	16.56", 420.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	17.25", 438.2 mm
Depth	8.15", 207.0 mm
Net Weight	27.40 lbs , 12.43 kg
Shipping Weight	30.90 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*



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EMINENCE®

The Art and Science of Sound

From design and manufacturing to the stage or studio. Once you've experienced the performance of Eminence, you'll never accept anything else.

MISSION STATEMENT

Eminence is dedicated to providing the best Quality, Value and Service to meet our customers' needs.

FOOTNOTES

* Please consult www.eminence.com for specifications of models with alternative impedances.

** Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Carver PM-120 amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

**** BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.

***** Multiple units exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.

******The average on axis output across the entire usable frequency range when applying 1W/1m into the nominal impedance, i.e. 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft x 2ft baffle is built into the wall with horn front mounted | Carver PM-120 amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges).

Prices, specifications and product cosmetics are subject to change without notice.

EMINENCE SPEAKER LLC

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DESIGNED AND ASSEMBLED IN THE USA

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