



PROFESSIONAL SERIES

KAPPA PRO-12A

High efficiency pro audio driver for vented mid-bass, and vented bass enclosures.



SPECIFICATION

| | |
|-------------------------|-----------------|
| Nominal Basket Diameter | 12.0", 305 mm |
| Nominal Impedance* | 8 Ω |
| Power Rating** | |
| Watts | 500 W |
| Music Program | 1000 W |
| Resonance | 37 Hz |
| Usable Frequency Range | 57 Hz – 2.8 kHz |
| Sensitivity*** | 97.1 dB |
| Magnet Weight | 80 oz. |
| Gap Height | .375", 9.5 mm |
| Voice Coil Diameter | 3.0", 76 mm |

THIELE & SMALL PARAMETERS*

| | |
|------|----------------------------|
| Fs | 37 Hz |
| Re | 5.46 Ω |
| Le | 1.22 mH |
| Qms | 6.93 |
| Qes | 0.25 |
| Qts | 0.24 |
| Vas | 4.27 cu.ft., 121.00 liters |
| Vd | 249.0 cc |
| Cms | 0.32 mm/N |
| BL | 17.30 T-M |
| Mms | 59 grams |
| EBP | 148 |
| Xmax | 4.80 mm |
| Sd | 519.5 cm ² |
| Xlim | 14.8 mm |

MOUNTING INFORMATION

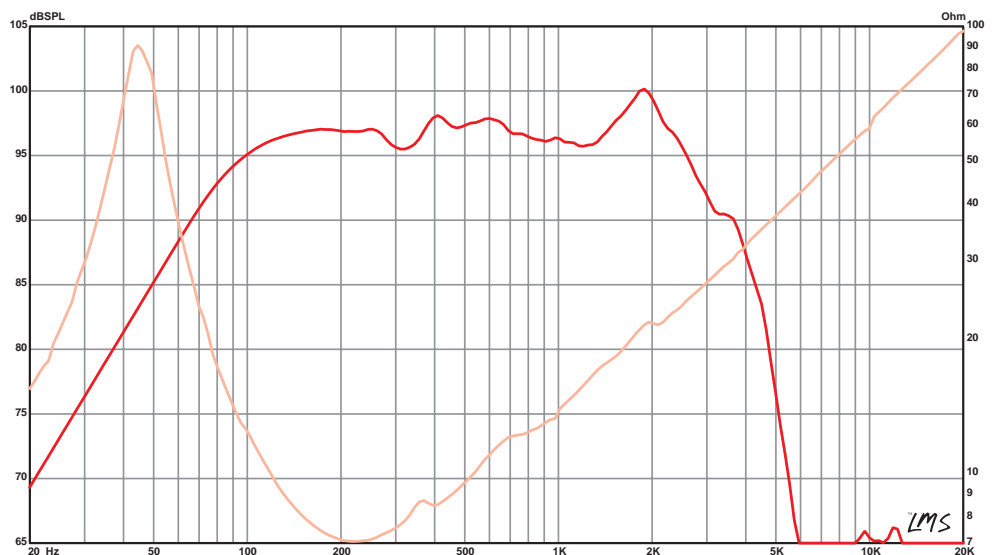
| | |
|------------------------------|---|
| Recommended Enclosure Volume | |
| Sealed | N/A |
| Vented | 17.00–34.00 liters, 0.60–1.20 cu.ft. |
| Driver Volume Displaced | 0.090 cu.ft., 2.55 liters |
| Overall Diameter | 12.38", 314.5 mm |
| Baffle Hole Diameter | 11.07", 281.2 mm |
| Front Sealing Gasket | Yes |
| Rear Sealing Gasket | Yes |
| Mounting Holes Diameter | 0.27", 6.9 mm |
| Mounting Holes B.C.D. | 11.69", 296.9 mm |
| Depth | 6.22", 158.0 mm |
| Net Weight | 16.60 lbs , 7.53 kg |
| Shipping Weight | 18.40 lbs , 8.35 kg |

MATERIALS OF CONSTRUCTION

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



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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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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