EMINENCE®

PROFESSIONAL SERIES

# KAPPA PRO-10A

Recommended for pro audio in a sealed midrange, vented mid-bass, and bass enclosure.




## SPECIFICATION

| | |
|---|---|
| Nominal Basket Diameter | 10.0", 254 mm |
| Nominal Impedance* | 8 Ω |
| Power Rating** | |
| Watts | 500 W |
| Music Program | 1000 W |
| Resonance | 46 Hz |
| Usable Frequency Range | 102 Hz – 2.0 kHz |
| Sensitivity*** | 97.0 dB |
| Magnet Weight | 80 oz. |
| Gap Height | .375", 9.5 mm |
| Voice Coil Diameter | 3.0", 76 mm |

## THIELE & SMALL PARAMETERS*

| | |
|---|---|
| Fs | 46 Hz |
| Re | 6.50 Ω |
| Le | 1.15 mH |
| Qms | 10.10 |
| Qes | 0.20 |
| Qts | 0.20 |
| Vas | 1.84 cu.ft., 52.20 liters |
| Vd | 110.0 cc |
| Cms | 0.31 mm/N |
| BL | 18.80 T-M |
| Mms | 38 grams |
| EBP | 230 |
| Xmax | 3.20 mm |
| Sd | 344.9 cm2 |
| Xlim | 10.9 mm |

## MOUNTING INFORMATION

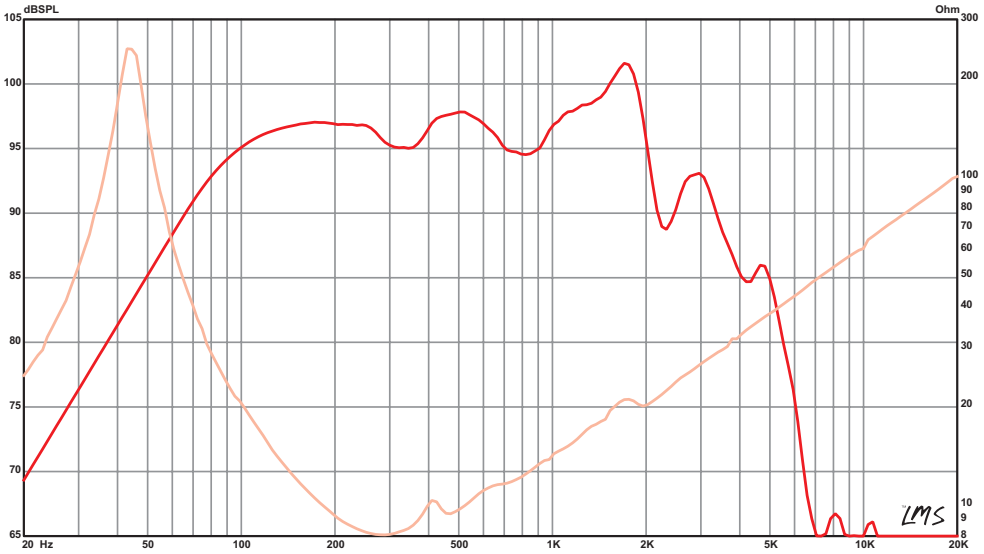
| | |
|---|---|
| Recommended Enclosure Volume | |
| Sealed | 7.00–9.90 liters, 0.25–0.35 cu.ft. |
| Vented | 12.00–28.00 liters, 0.43–1.00 cu.ft. |
| Driver Volume Displaced | 0.061 cu.ft., 1.72 liters |
| Overall Diameter | 10.25", 260.4 mm |
| Baffle Hole Diameter | 9.13", 231.9 mm |
| Front Sealing Gasket | Yes |
| Rear Sealing Gasket | Yes |
| Mounting Holes Diameter | 0.27", 6.9 mm |
| Mounting Holes B.C.D. | 9.75", 247.7 mm |
| Depth | 4.33", 110.0 mm |
| Net Weight | 15.30 lbs , 6.94 kg |
| Shipping Weight | 16.40 lbs , 7.44 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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DESIGNED AND ASSEMBLED IN THE USA

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