

## Specification

Nominal Basket Diameter	10", 254mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	500W
Music Program	1000W
Resonance	46Hz
Usable Frequency Range***	102Hz-2kHz
Sensitivity	97
Magnet Weight	80 oz.
Gap Height	0.375", 9.53mm
Voice Coil Diameter	3", 76.2mm

## Thiele & Small Parameters

Resonant Frequency (fs)	46Hz
DC Resistance (Re)	6.50
Coil Inductance (Le)	1.15mH
Mechanical Q (Qms)	10.10
Electromagnetic Q (Qes)	0.20
Total Q (Qts)	0.20
Compliance Equivalent Volume (Vas)	52.2 liters / 1.8 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	110cc
Mechanical Compliance of Suspension (Cms)	0.31mm/N
BL Product (BL)	18.8 T-M
Diaphragm Mass inc. Airlod (Mms)	38 grams
Efficiency Bandwidth Product (EBP)	230
Maximum Linear Excursion (Xmax)	3.2mm
Surface Area of Cone (Sd)	344.9 cm <sup>2</sup>
Maximum Mechanical Limit (Xlim)	10.9mm

## Mounting Information

Recommended Enclosure Volume	
Sealed	7-9.9 liters/0.25-0.35 cu.ft.
Vented	12-28 liters/0.43-1 cu.ft.
Overall Diameter	10.25", 260.4mm
Baffle Hole Diameter	9.13", 231.8mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.28", 7.1mm
Mounting Holes B.C.D.	9.63", 244.5mm
Depth	4.33", 110mm
Net Weight	15.3 lbs., 6.9 kg
Shipping Weight	16.4 lbs., 7.4 kg

## Materials of Construction

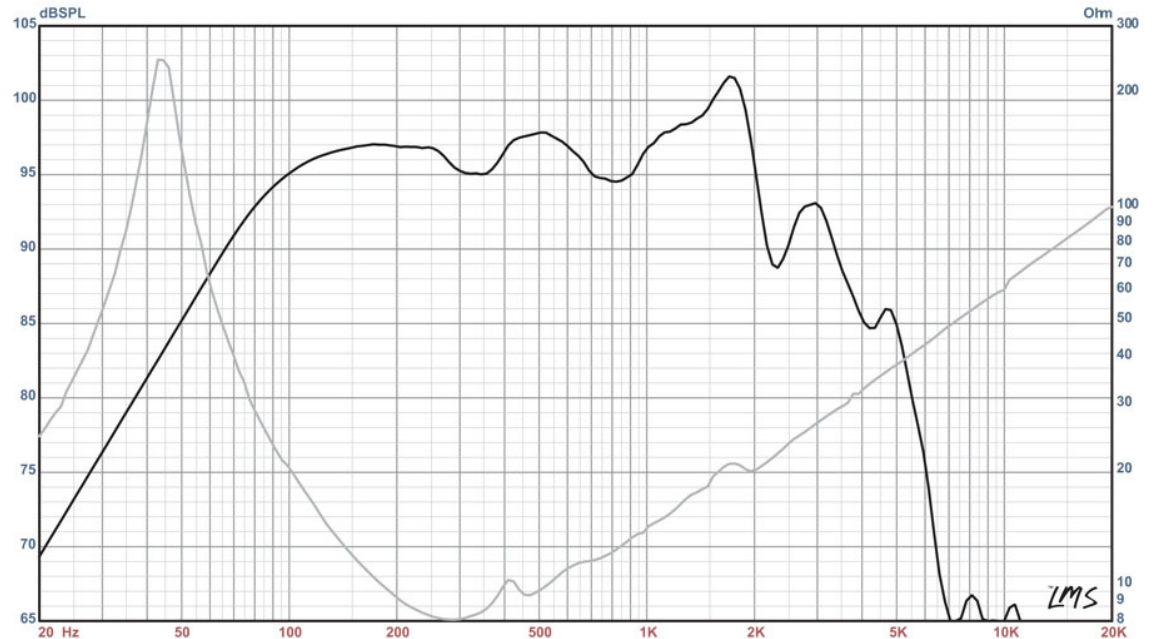
Copper voice coil  
 Polyimide former  
 Ferrite magnet  
 Vented core  
 Die-cast aluminum basket  
 Paper Cone  
 Cloth cone edge  
 Solid composition paper dust cap

  
**EMINENCE**<sup>®</sup>  
 The Art and Science of Sound



## KAPPA PRO-10A Professional Series

Recommended for professional audio in a sealed mid-range, vented mid-bass, and bass enclosure. Also suitable for bass guitar.



\* Please inquire about alternative impedances.

\*\* Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

\*\*\* The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

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 the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)