Specification

Nominal Basket Diameter 12". 304.8mm Nominal Impedance* 8 ohms Power Rating** Watts 500W Music Program 1000W 37Hz Resonance Usable Frequency Range*** 57Hz-2.8kHz Sensitivity 97.1 Magnet Weight 80 oz. Gap Height 0.375", 9.53mm Voice Coil Diameter 3". 76.2mm



Resonant Frequency (fs)	37Hz
DC Resistance (Re)	5.46
Coil Inductance (Le)	1.22mH
Mechanical Q (Qms)	6.93
Electromagnetic Q (Qes)	0.25
Total Q (Qts)	0.24
Compliance Equivalent Volume (Vas)	121.0 liters / 4.3 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	249cc
Mechanical Compliance of Suspension (Cms)	0.32mm/N
BL Product (BL)	17.3 T-M
Diaphragm Mass inc. Airload (Mms)	59 grams
Efficiency Bandwidth Product (EBP)	148
Maximum Linear Excursion (Xmax)	4.8mm
Surface Area of Cone (Sd)	519.5 cm2
Maximum Mechanical Limit (Xlim)	14.8mm

Mounting Information

Recommended Enclosure Volume

Vented 17-34 liters/0.6-1.2 cu.ft. **Overall Diameter** 12.38", 314.5mm Baffle Hole Diameter 11.07", 281.1mm Front Sealing Gasket fitted as standard Rear Sealing Gasket fitted as standard Mounting Holes Diameter 0.26". 6.5mm Mounting Holes B.C.D. 11.57", 293.8mm Depth 6.22", 158mm Net Weight 16.6 lbs., 7.5 kg Shipping Weight 18.4 lbs., 8.4 kg

Materials of Construction

Copper voice coil

Polyimide former

Ferrite magnet

Vented core

Die-cast aluminum basket

Paper Cone

Cloth cone edge

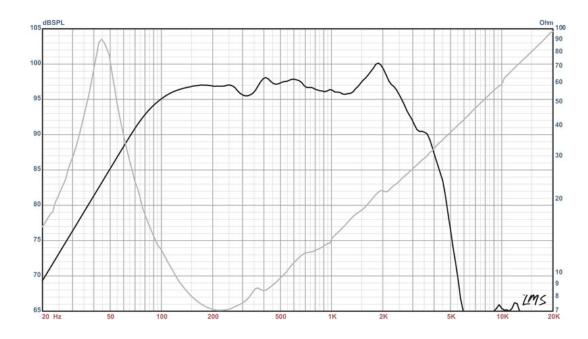
Solid composition paper dust cap





KAPPA PRO-12A Professional Series

Recommended for professional audio in a vented mid-bass, and vented bass enclosure incorporating a highpass filter.



- * 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/80hms, 4V/160hms.

 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)