SPECIFICATION

10.00", 254.00mm Nominal Basket Diameter Nominal Impedance* 8 ohms Power Rating** Watts 400W 800W Music Program Resonance 50.68Hz Usable Frequency Range*** 85.00Hz-3.60kHz Sensitivity 98.60 11.40 oz. Magnet Weight Gap Height 0.36", 9.27mm Voice Coil Diameter 3.00", 76.20mm



Resonant Frequency (fs) 50.68Hz DC Resistance (Re) 5.01 Coil Inductance (Le) 0.68mH Mechanical Q (Qms) 6.83 Electromagnetic Q (Qes) 0.21 Total Q (Qts) 0.20 Compliance Equivalent Volume (Vas) 52.10 liters / 1.84 cu.ft. Peak Diaphragm Displacement Volume (Vd) 183.10cc Mechanical Compliance of Suspension (Cms) 0.28mm/N BL Product (BL) 16.51 T-M Diaphragm Mass inc. Airload (Mms) 35.52 grams Efficiency Bandwidth Product (EBP) 243.90 Maximum Linear Excursion (Xmax) 5.00mm Surface Area of Cone (Sd) 366.10 cm2 Maximum Mechanical Limit (Xlim) 7.50mm

MOUNTING INFORMATION

Recommended Enclosure Volume

Sealed 15.57-43.89 liters/0.55-1.55cu.ft. 19.82-63.71 liters/0.70-2.25 cu.ft. Vented Driver Volume Displaced 63.55 cu.in.-1.04 liters Overall Diameter 11.18", 283.87mm Baffle Hole Diameter 9.12", 231.65mm Front Sealing Gasket Fitted as standard Rear Sealing Gasket Fitted as standard Mounting Holes Diameter 0.29". 7.39mm Mounting Holes B.C.D. 10.49", 266.40mm Depth 4.61", 117.09mm Net Weight 7.10 lbs., 3.22 kg Shipping Weight 8.70 lbs., 3.95 kg

MATERIALS OF CONSTRUCTION

Edge Wound Copper voice coil

Polyimide former

Neodymium magnet

Vented core

Die-cast aluminum basket

Treated Paper Cone

Sealed Cloth Edge

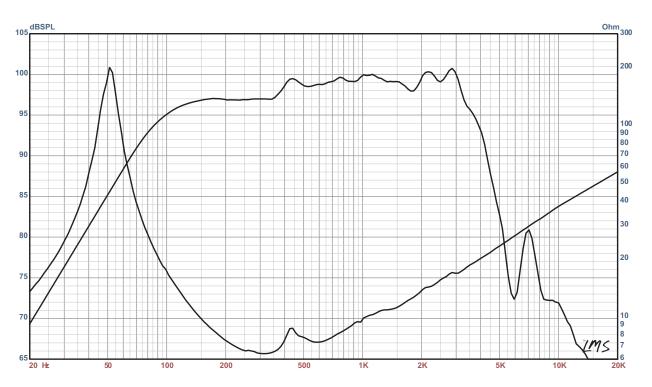
Treated paper dust cap





KAPPALITE™ 3010MB NEODYMIUM SERIES

Lightweight high power mid/bass driver. When used as a true midrange, a small sealed box will work. When used as a mid/bass, use a vented box.



- * 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)