

SPECIFICATION

Nominal Basket Diameter	12", 305mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	450W
Music Program	900W
Resonance	37Hz
Usable Frequency Range***	46Hz-2kHz
Sensitivity	95.50
Magnet Weight	11 oz.
Gap Height	0.36", 9.27mm
Voice Coil Diameter	3", 76.20mm

THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	37.02Hz
DC Resistance (Re)	5.60
Coil Inductance (Le)	0.98mH
Mechanical Q (Qms)	6.94
Electromagnetic Q (Qes)	0.34
Total Q (Qts)	0.32
Compliance Equivalent Volume (Vas)	106.65 liters / 3.77 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	494.00cc
Mechanical Compliance of Suspension (Cms)	0.26mm/N
BL Product (BL)	16.70 T-M
Diaphragm Mass inc. Airload (Mms)	72.40 grams
Efficiency Bandwidth Product (EBP)	109.70
Maximum Linear Excursion (Xmax)	9.10mm
Surface Area of Cone (Sd)	545.40 cm2
Maximum Mechanical Limit (Xlim)	14.50mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	23.00-59.00 liters/0.80-2.10cu.ft.
Vented	37.00-85.00 liters/1.30-3.00 cu.ft.
Overall Diameter	12.38", 314.45mm
Baffle Hole Diameter	11.06", 280.90mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	Fitted as standard
Mounting Holes Diameter	0.28", 7.10mm
Mounting Holes B.C.D.	11.62", 295.20mm
Depth	6", 152.40mm
Net Weight	7.60 lbs., 3.45 kg
Shipping Weight	9.20 lbs., 4.17 kg

MATERIALS OF CONSTRUCTION

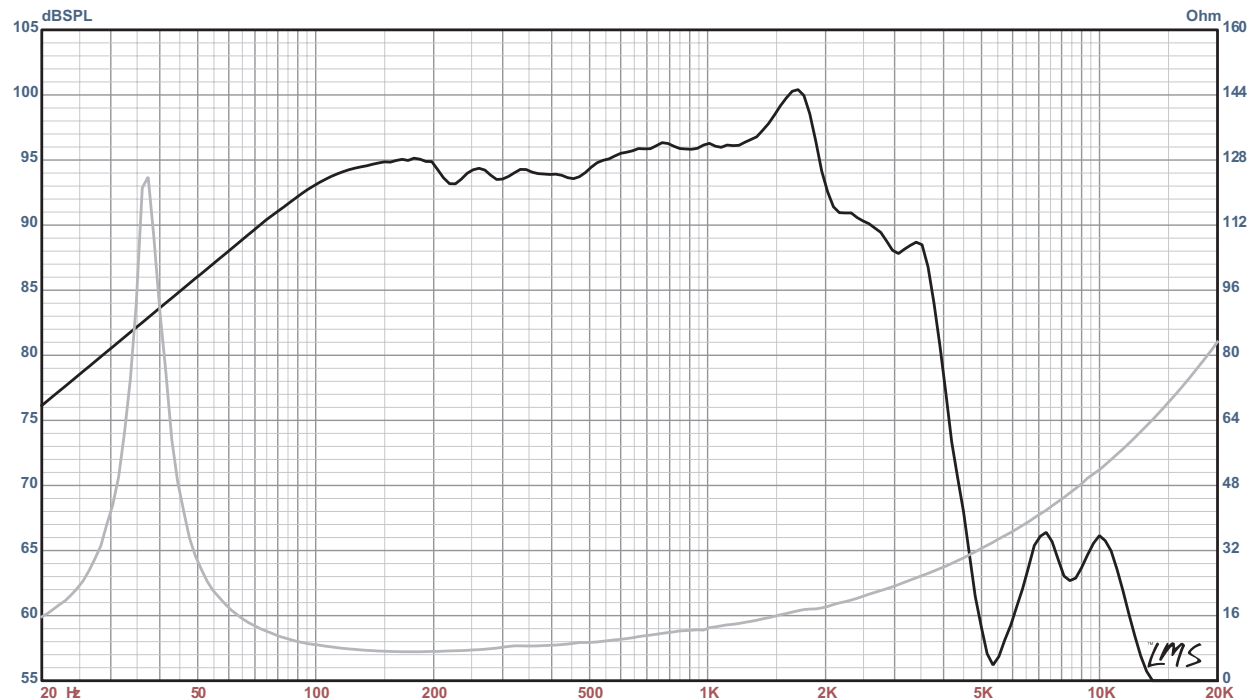
Copper Voice coil
Kapton
Neodymium magnet
Vented core
Die-cast aluminum basket
Treated Paper Cone
Sealed Cloth Edge
Treated paper dust cap



EMINENCE[®]
The Art and Science of Sound

KAPPALITE™ 30 12LF NEODYMIUM SERIES

Recommended for professional audio and bass in a vented enclosure.



* 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)