

SPECIFICATION

Nominal Basket Diameter	10.00", 254.00mm
Nominal Impedance*	8 ohms
Power Rating**	
Watts	450W
Music Program	900W
Resonance	38.67Hz
Usable Frequency Range***	42.00Hz-1.60kHz
Sensitivity	92.70
Magnet Weight	11.00 oz.
Gap Height	0.36", 9.27mm
Voice Coil Diameter	3.00", 76.20mm

THIELE & SMALL PARAMETERS

Resonant Frequency (fs)	38.67Hz
DC Resistance (Re)	7.20
Coil Inductance (Le)	1.13mH
Mechanical Q (Qms)	11.75
Electromagnetic Q (Qes)	0.28
Total Q (Qts)	0.27
Compliance Equivalent Volume (Vas)	62.41 liters / 2.20 cu.ft.
Peak Diaphragm Displacement Volume (Vd)	305.40cc
Mechanical Compliance of Suspension (Cms)	0.35mm/N
BL Product (BL)	17.45 T-M
Diaphragm Mass inc. Airlod (Mms)	48.72 grams
Efficiency Bandwidth Product (EBP)	138.17
Maximum Linear Excursion (Xmax)	8.52mm
Surface Area of Cone (Sd)	358.40 cm ²
Maximum Mechanical Limit (Xlim)	15.70mm

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	19.82-84.95 liters/0.70-3.00 cu.ft.
Driver Volume Displaced	64.73 cu.in.-1.06 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", 7.37mm
Mounting Holes B.C.D.	10.49", 266.45mm
Depth	5.00", 127.00mm
Net Weight	7.60 lbs., 3.45 kg
Shipping Weight	9.20 lbs., 4.17 kg

MATERIALS OF CONSTRUCTION

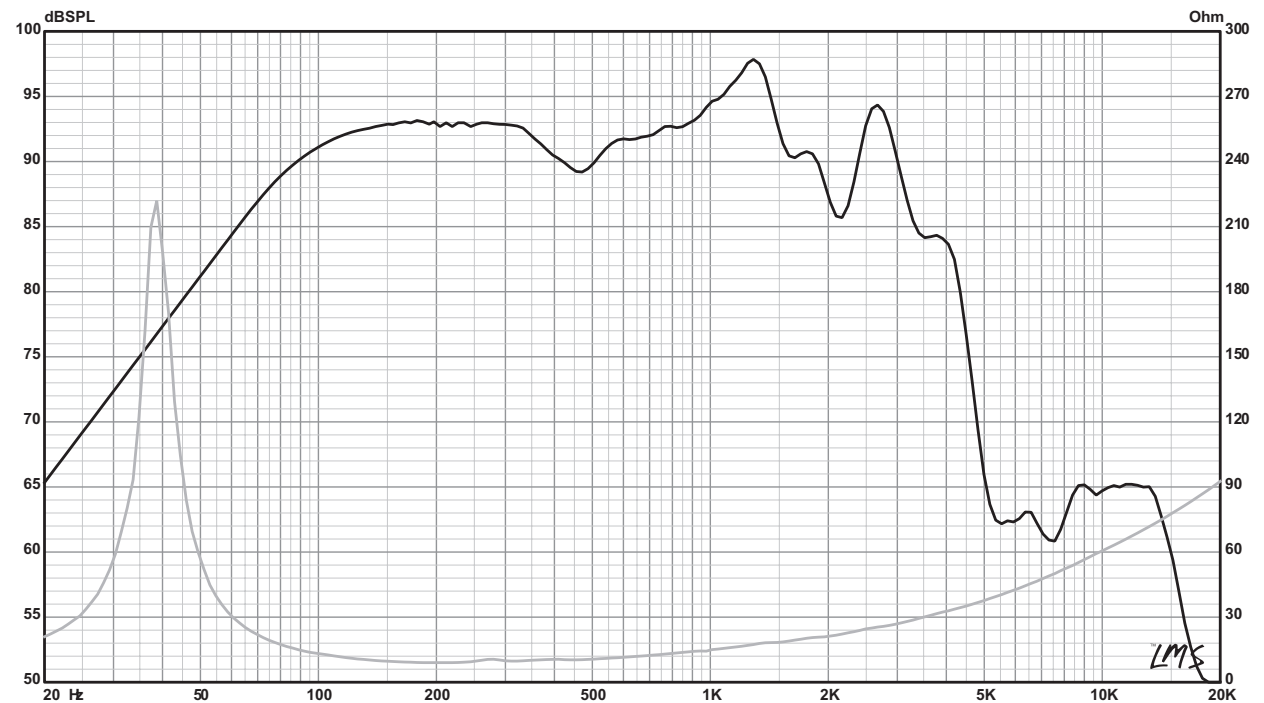
Copper Voice coil
 Polyimide former
 Neodymium magnet
 Vented core
 Die-cast aluminum basket
 Treated Paper Cone
 Sealed Cloth Edge
 Treated paper dust cap




EMINENCE[®]
 The Art and Science of Sound

KAPPALITE™ 30 10LF NEODYMIUM SERIES

High power subwoofer recommended for vented and horn loaded enclosures.



* 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)