Specification

Nominal Basket Diameter	6.5", 165mm
Nominal Impedence*	8 ohms
Power Rating**	100W
Usable Frequency Range	500Hz-4.3kHz
Sensitivity***	99.8
Magnet Weight	4oz
Gap Height	.25",6.35mm
Voice Coil Diameter	1.5",38.1mm

Theile & Small Parameters

Resonance (Fs)	500.52Hz
DC Resistance (Re)	7.4
Coil Inductance (Le)	.49mH
Mechanical Q (Qms)	9.09
Electromagnetic Q (Qes)	1.83
Total Q (Qts)	1.53
Compliance Eqiv Vol (Vas)	.27 ltr./.01cuft
Peak Diaphragm Displacement Vol (Vd)	1.40cc
Compliance Susp (Cms)	.01mm/N
BL Product (BL)	9.8 T-M
Moving Mass inc. Airload (Mms)	7.6 grams
Efficiency BandWidth Product (EBP)	273.2
Maximum Linear Excursion (Xmax)	.1mm
Active Piston Area (Sd)	139.7cm2
Maximum Mechanical Limit (Xlim)	1.6mm

Mounting Information

Recommended Enclosure Volume

Sealed		- liters / - cuft
Vented		- liters / - cuft
Driver Volume Displaced		in3, ltr.
Overall Diameter(inches)		6.59", 167.39mm
Major Diameter(inches)		.00", .00mm
Minor Diameter(inches)		.00", .00mm
Baf Hole Dia In.		5.69", 144.53mm
Front Gasket:	Yes	fitted as standard
Rear Gasket:	Yes	fitted as standard
Mount Holes Diameter(inches)		.23", 5.84mm
Mount Hole BCD (inches)		6.06", 153.92mm
Depth (inches)		2.40", 60.96mm
Net Wt Lbs.		2.30 lbs, 1.04 kg
Ship Wt Lbs.		3.00 lbs, 1.30 kg

Materials

Former Material	Kapton
Voice Coil	Copper
Magnet Material	Neo
Special Core Features	
Vented Motor	No
Basket Material	Steel
Cone Description	Full Molded Paper
Dust Cap Material	Treated Paper

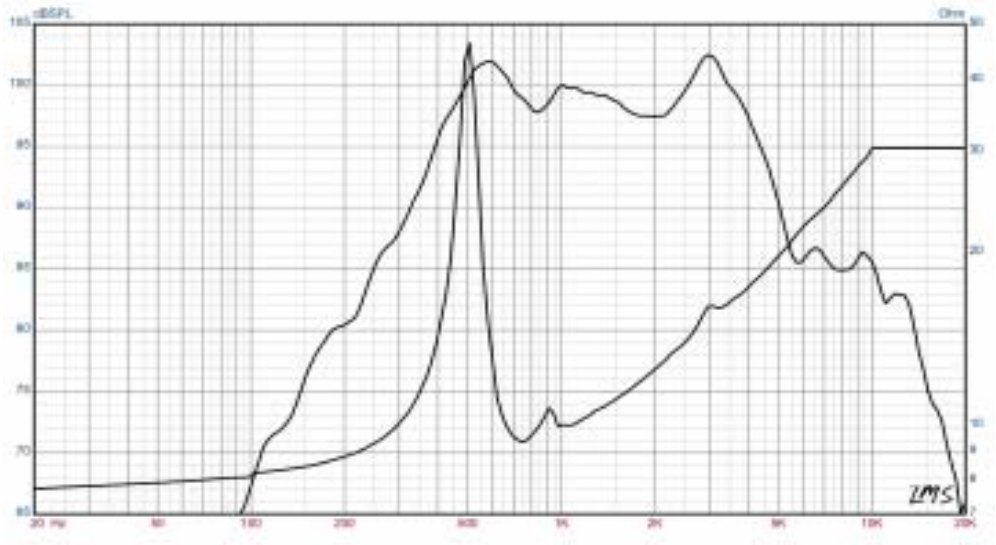
EMINENCE®
The Art and Science of Sound

Alphalite™ 6A-CBMR

Lightweight Neo 6.5" Closed Back Midrange for PA or MI use. Great in Bass Guitar rigs.

Coloration:

Genre:



*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 followng conditions. All speakers are tested at 1W/1M using a variety of test set-ups for the appropriate
impedence | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. Baffle is built into the wall with the speakermounted 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).