

ONE GUITARIST DEFINES VINTAGE TONE. ONE SPEAKER DELIVERS IT.

THE EMINENCE EJ1250. Vintage alnico tone for the purist in you. Made by hand in the USA.

SPECIFICATION

Nominal Basket Diameter	12", 304.8 mm
Nominal Impedance*	8 ohm
Power Rating**	50 W
Resonance	89.98 Hz
Usable Frequency Range	80 Hz - 5.1 kHz
Sensitivity***	100.9 dB
Magnet Weight	35 oz.
Gap Height	0.31", 7.95 mm
Voice Coil Diameter	1.75", 44.45 mm

MATERIALS OF CONSTRUCTION

Coil Construction	Copper voice coil
Coil Former	Paper former
Magnet Composition	Alnico magnet
Core Details	Non-vented core
Basket Material	Pressed steel basket
Cone Composition	Paper cone
Cone Edge Composition	Paper cone edge
Dust Cap Composition	Zurette dust cap

THIELE & SMALL PARAMETERS

Resonant Frequency	(fs) 89.98 Hz
DC Resistance	(Re) 7.19
Coil Inductance	(Le) 0.62 mH
Mechanical Q	(Qms) 12.41
Electromagnetic Q	(Qes) 0.65
Total Q	(Qts) 0.62
Compliance Equivalent Volume	(Vas) 44.96 liters / 1.59 cu.ft.
Peak Diaphragm Displacement Volume	(Vd) 62.34 cc
Mechanical Compliance of Suspension	(Cms) 0.12 mm/N
BL Product	(BL) 12.91 T-M
Diaphragm Mass Inc. Airload	(Mms) 26.55 grams
Efficiency Bandwidth Product	(EBP) 139.05
Maximum Linear Excursion	(Xmax) 1.20 mm
Surface Area of Cone	(Sd) 519.50 cm2
Maximum Mechanical Limit	N/A

MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
Driver Volume Displaced	136.70 cu.in. / 2.24 liters
Overall Diameter	12.02" / 305.31mm
Baffle Hole Diameter	10.97" / 278.64mm
Front Sealing Gasket	Fitted as standard
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.25" / 6.35mm
Mounting Holes B.C.D.	11.63" / 295.40mm
Depth	6.22" / 157.98mm
Net Weight	8.50 lbs / 3.86 kg
Shipping Weight	11.10 lbs / 5.00 kg



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* 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. 1e: 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)