

Specification

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|---------------------------|----------------|
| Nominal Basket Diameter | 12", 304.8mm |
| Nominal Impedance* | 8 ohms |
| Power Rating** | 75W |
| Resonance | 72Hz |
| Usable Frequency Range*** | 70Hz-5kHz |
| Sensitivity | 100 |
| Magnet Weight | 30 oz. |
| Gap Height | 0.312", 7.92mm |
| Voice Coil Diameter | 1.5", 38.1mm |

Thiele & Small Parameters

| | |
|---|---------------------------|
| Resonant Frequency (fs) | 72Hz |
| DC Resistance (Re) | 7.1 |
| Coil Inductance (Le) | 0.37mH |
| Mechanical Q (Qms) | 14.98 |
| Electromagnetic Q (Qes) | 0.75 |
| Total Q (Qts) | 0.72 |
| Compliance Equivalent Volume (Vas) | 82.4 liters / 2.9 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 25cc |
| Mechanical Compliance of Suspension (Cms) | 0.22mm/N |
| BL Product (BL) | 9.9 T-M |
| Diaphragm Mass inc. Airload (Mms) | 23 grams |
| Efficiency Bandwidth Product (EBP) | 96 |
| Maximum Linear Excursion (Xmax) | 0.5mm |
| Surface Area of Cone (Sd) | 519.5 cm ² |
| Maximum Mechanical Limit (Xlim) | |

Mounting Information

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|------------------------------|--------------------|
| Recommended Enclosure Volume | Acceptable |
| Vented | |
| Overall Diameter | 12.23", 310.5mm |
| Baffle Hole Diameter | 11.02", 279.8mm |
| Front Sealing Gasket | fitted as standard |
| Rear Sealing Gasket | fitted as standard |
| Mounting Holes Diameter | 0.25", 6.4mm |
| Mounting Holes B.C.D. | 11.67", 296.4mm |
| Depth | 4.6", 117mm |
| Net Weight | 7 lbs., 3.2 kg |
| Shipping Weight | 9 lbs., 4.1 kg |

Materials of Construction

Copper voice coil
 Polyimide former
 Ferrite magnet
 Non-vented core
 Pressed steel basket
 Paper Cone
 Paper cone edge
 Zurette dust cap




 EMINENCE®
 The Art and Science of Sound

BLACK POWDER™



black pow'der n. an explosive 12" American guitar speaker with a bright concussion

Coloration: Raw and bright with tight bass and explosive mids and highs

Genre: Southern Rock, College Rock, Heavy Metal, and Grunge



* 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)