

BLACK POWDER™

blak' paud'er n. an explosive 12" American guitar speaker with a bright concussion

Impedance	8 ohms
Power Rating**	75Wrms/150W peak**
Voice Coil Diameter	1.5", 38.1mm
Coil Material	Copper
Flat/Round Coil Wire	Round
Coil Former Material	Kapton
Basket Type	Stamped
Cone Surround Material	Paper
Dust Cap Material	Zurette
Magnet Weight	30oz.
Usable Bandwidth (Fs to -3dB)	70Hz - 5kHz
SPL*	100dB*



Mounting Information

Nominal Basket Diameter	12.23", 310.5mm
Baffle Hole Diameter	11.02", 279.8mm
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.67", 296.4mm
Depth	4.6", 116.8mm
Shipping Weight	9 lbs., 4.09 kg.

Thiele-Small Parameters

Impedance (Re)	7.10 ohms
Coil Inductance (Le)	0.37mH
Total Q (Qts)	0.72
Efficiency Bandwidth Product (EBP)	96
Voice Coil Overhang (Xmax)	0.47mm
Surface Area of Cone (Sd)	519.5cm ²

Application Notes

"Raw and bright with tight bass and explosive mids and highs."

* Published sensitivity is an average of multiple points representing the measured output of the device (1W-1m) across the usable frequency range from 200Hz-5kHz.

** EIA 426A noise source and test standard. Eminence voice coil technology often results in guitar speakers that dramatically exceed the power rating of other manufacturer's products. Such ratings are not meant to imply the Eminence woofers are not equally suitable for lower-power "Class A" valve amplifiers as they are for high gain valve and transistor amplification.

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