

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	75W
Resonance	100Hz
Usable Frequency Range***	70Hz-6kHz
Sensitivity	103.5
Magnet Weight	56 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	1.75", 44.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	100Hz
DC Resistance (Re)	13.20
Coil Inductance (Le)	0.64mH
Mechanical Q (Qms)	13.77
Electromagnetic Q (Qes)	0.66
Total Q (Qts)	0.63
Compliance Equivalent Volume (Vas)	35.1 liters / 1.2 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	42cc
Mechanical Compliance of Suspension (Cms)	0.09mm/N
BL Product (BL)	18.6 T-M
Diaphragm Mass inc. Airload (Mms)	28 grams
Efficiency Bandwidth Product (EBP)	151
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	519.5 cm ²
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	Acceptable
Sealed	
Overall Diameter	12.02", 305.3mm
Baffle Hole Diameter	10.97", 278.6mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.63", 295.4mm
Depth	5.2", 132mm
Net Weight	10.8 lbs., 4.9 kg
Shipping Weight	12.5 lbs., 5.7 kg

Materials of Construction

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




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 The Art and Science of Sound

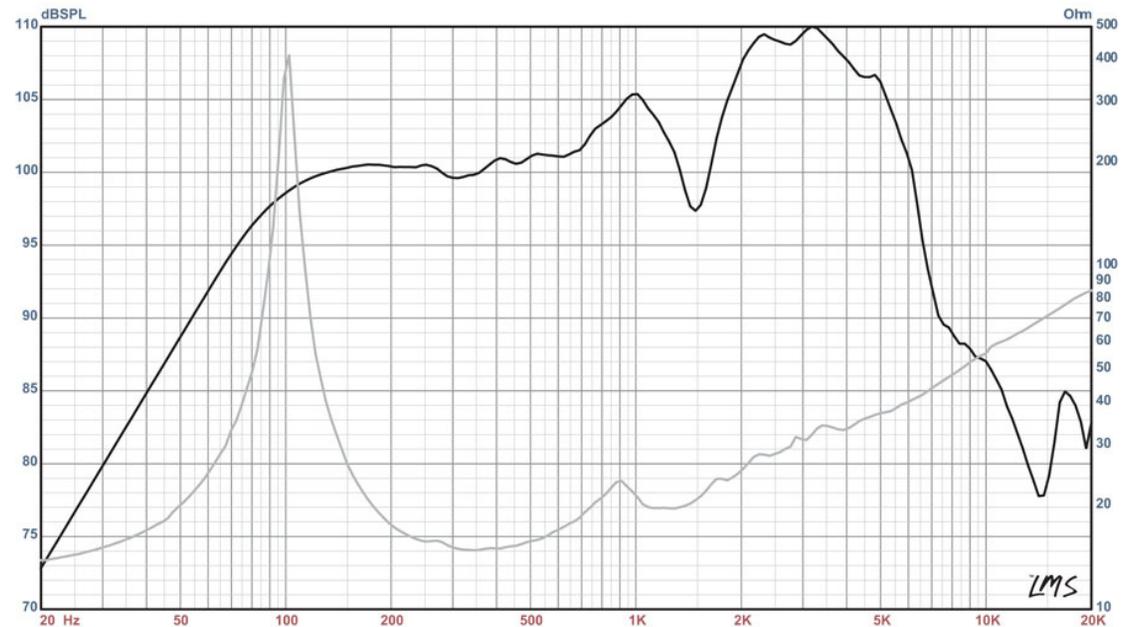
RED COAT[™]

THE WIZARD[™] 16

wiz'ard n. a 12" speaker with enchanting tonal characteristics borrowed from Private Jack and The Governor

Coloration: Very articulate, but with a hint of grit. Nice sustain and exceptionally good tight bottom. Cross between Private Jack and The Governor

Genre: Classic Rock tones of the 60's and 70's



* 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)