

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	
Watts	120W
Music Program	240W
Resonance	102Hz
Usable Frequency Range***	70Hz-5.5kHz
Sensitivity	101.6
Magnet Weight	38 oz
Gap Height	0.312", 7.92mm
Voice Coil Diameter	1.75", 44.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	102Hz
DC Resistance (Re)	13.1
Coil Inductance (Le)	0.74mH
Mechanical Q (Qms)	12.39
Electromagnetic Q (Qes)	0.97
Total Q (Qts)	0.85
Compliance Equivalent Volume (Vas)	31.5 ltr/1.1 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	42cc
Mechanical Compliance of Suspension (Cms)	0.08mm/N
BL Product (BL)	16.5 T-M
Diaphragm Mass inc. Airlod (Mms)	30 grams
Efficiency Bandwidth Product (EBP)	105
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	519.5cm ²
Maximum Mechanical Limit (Xlim)	N/A

Mounting Information

Recommended Enclosure Volume	
Sealed	Acceptable
Vented	Acceptable
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	8.1 lbs, 3.7 kg
Shipping Weight	9.9 lbs, 4.5 kg

Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Non-Vented
Basket Materials	Pressed Steel
Cone Composition	Paper
Cone Edge Composition	Paper
Dust Cap Composition	Zurette



EMINENCE[®]
The Art and Science of Sound

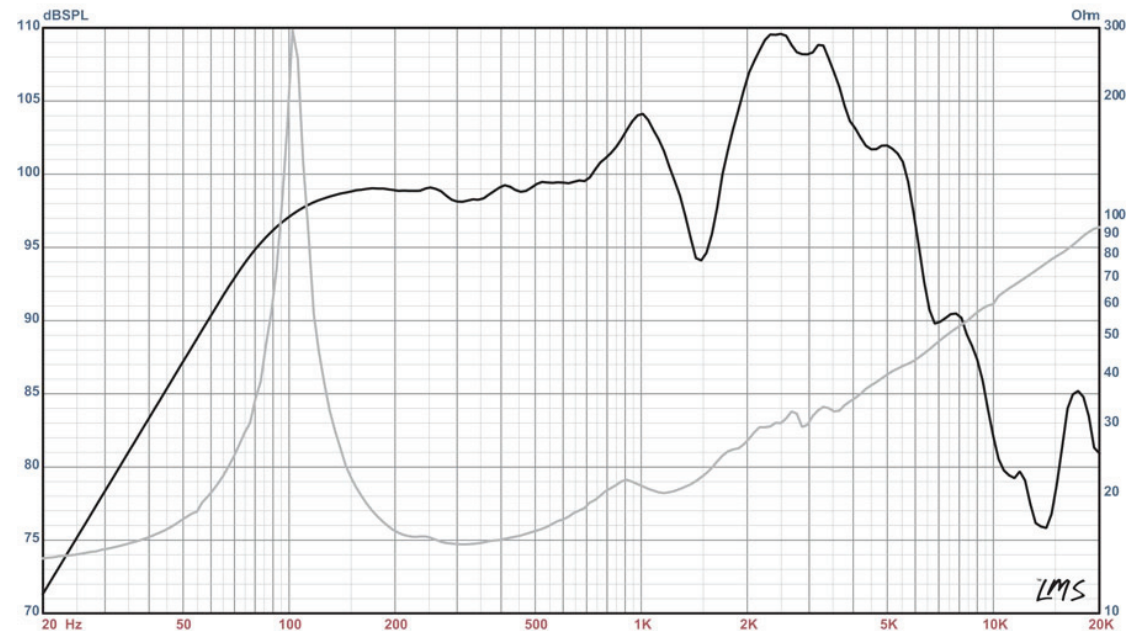
MAN O WAR™ 16

RED COAT™

Namesake of the famous battleship and probably the most widely revered British tone of all time.

Coloration: A proven and revered sound, very loud and responsive/articulate in every register. Chunky and solid sound with a little top end sparkle.

Genre: Great for College Rock, Classic Rock, Grunge, and Heavy Metal.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. I.e: 2.83 V/8 ohms, 4 V/16 ohms.

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 | 2 ft. X 2 ft. 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)