

Specification

Nominal Basket Diameter	12", 304.8mm
Nominal Impedance*	16 ohms
Power Rating**	150W
Resonance	113Hz
Usable Frequency Range***	70Hz-5kHz
Sensitivity	102
Magnet Weight	59 oz.
Gap Height	0.312", 7.92mm
Voice Coil Diameter	2", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	113Hz
DC Resistance (Re)	14.7
Coil Inductance (Le)	0.67mH
Mechanical Q (Qms)	8.60
Electromagnetic Q (Qes)	0.67
Total Q (Qts)	0.62
Compliance Equivalent Volume (Vas)	26.4 liters / 0.9 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	43cc
Mechanical Compliance of Suspension (Cms)	0.07mm/N
BL Product (BL)	21.8 T-M
Diaphragm Mass inc. Airload (Mms)	30 grams
Efficiency Bandwidth Product (EBP)	168
Maximum Linear Excursion (Xmax)	0.8mm
Surface Area of Cone (Sd)	532.4 cm ²
Maximum Mechanical Limit (Xlim)	

Mounting Information

Recommended Enclosure Volume	Acceptable
Sealed	
Overall Diameter	12.01", 305.1mm
Baffle Hole Diameter	10.95", 278.1mm
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	11.1 lbs., 5 kg
Shipping Weight	12.8 lbs., 5.8 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



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The Art and Science of Sound

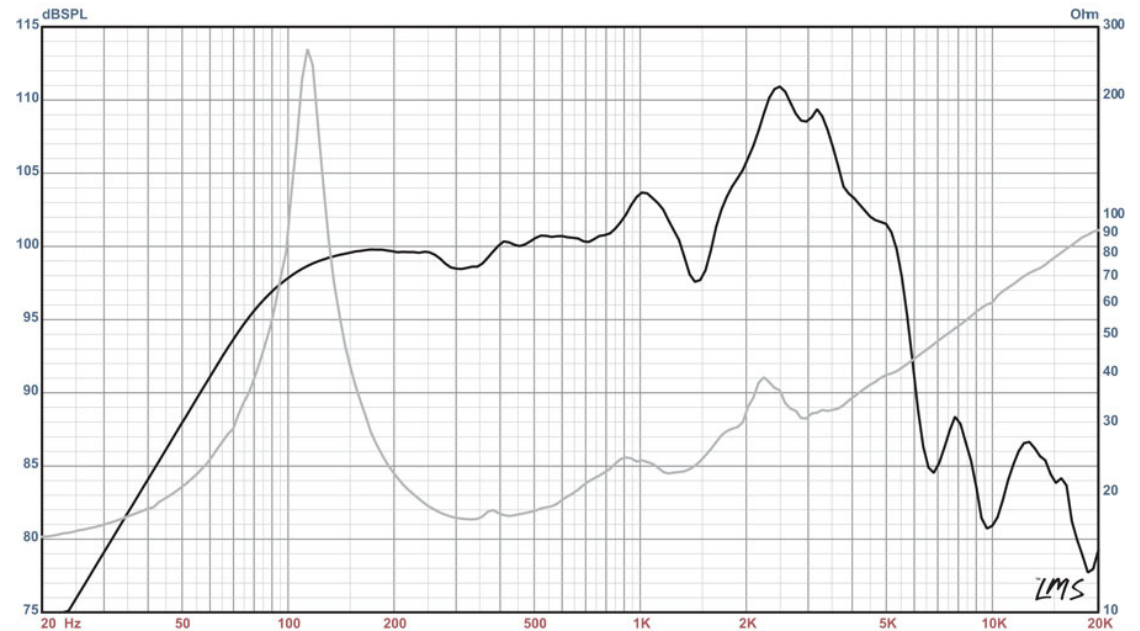
SWAMP THANG™ 16



swamp thang n. a thick and chunky 12" American guitar speaker with big bottom end

Coloration: Very powerful, thick and chunky tone. Very touch-sensitive with good sustain. Awesome bottom end

Genre: Very American tone suitable for Blues, Rock, and Jazz



* 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)