

BASS GUITAR

BASSLITE® S2012

A highly efficient, ultra-lightweight 12" neodymium bass guitar speaker that strikes a balance between efficiency and low-end punch. Ideal in vented 1X, 2X, and 4 X12 enclosures.

- 300 W Program Power
- 12" Nominal Diameter
- 8 Ω

PRO AUDIO USAGE ENCLOSURE

Midrange	<input type="checkbox"/>	Sealed Box	<input checked="" type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>		
Subwoofer	<input type="checkbox"/>		



SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	300 W
Nominal Power	150 W
Resonance	48 Hz
Usable Frequency Range	49 Hz - 4.5 kHz
Sensitivity*	99 dB
Magnet Weight	4 oz.
Gap Height	0.28", 7.1 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	48 Hz
Re	5.1 Ω
Le	0.43 mH
Qms	5.5
Qes	0.53
Qts	0.48
Vas	3.2 cu.ft., 90.6liters
Vd	270.1 cc
Cms	0.24 mm/N
BL	11.7 T-M
Mms	46 grams
EBP	91
Xmax	5.2 mm
Sd	519.5 cm ²
Xlim	9.8 mm

MOUNTING INFORMATION

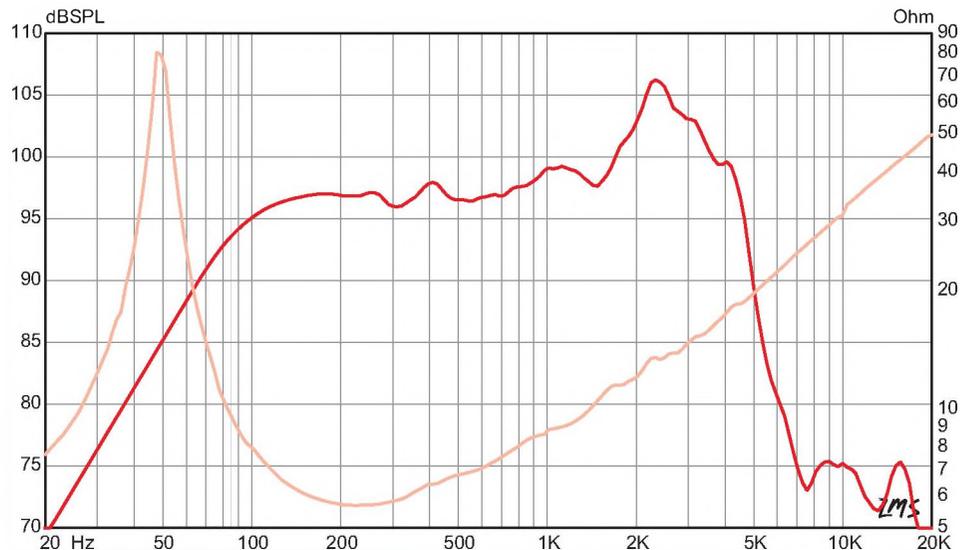
Recommended Enclosure Volume	
Sealed	31-35 liters, 1.1-1.3 cu.ft.
Vented	42.5-85 liters, 1.5-3 cu.ft.
Driver Volume Displaced	0.059 cu.ft., 1.67 liters
Overall Diameter	12.03", 305.6 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	N/A
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	11.59", 294.4 mm
Depth	5.1", 129.5 mm
Net Weight	4.1 lbs, 1.86 kg
Shipping Weight	5.8 lbs, 2.63 kg

MATERIALS OF CONSTRUCTION

Copper voice coil
Polymide former
Neodymium magnet
Non-vented core
Pressed steel basket
Paper cone
Cloth cone edge
Solid composition felt dust cap



FREQUENCY RESPONSE & IMPEDANCE CURVE*



* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.