

## BASS GUITAR

# BASSLITE® S2010

An efficient, ultra-lightweight 10" neodymium speaker recommended for bass guitar applications. Ideal in vented 1X, 2X, and 4 X10 enclosures.

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

PRO AUDIO USAGE		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input 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	10", 254 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	300 W
Nominal Power	150 W
Resonance	46 Hz
Usable Frequency Range	54 Hz – 3 kHz
Sensitivity*	96.2 dB
Magnet Weight	4 oz.
Gap Height	0.28", 7.1 mm
Voice Coil Diameter	2", 51 mm

### MATERIALS OF CONSTRUCTION

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



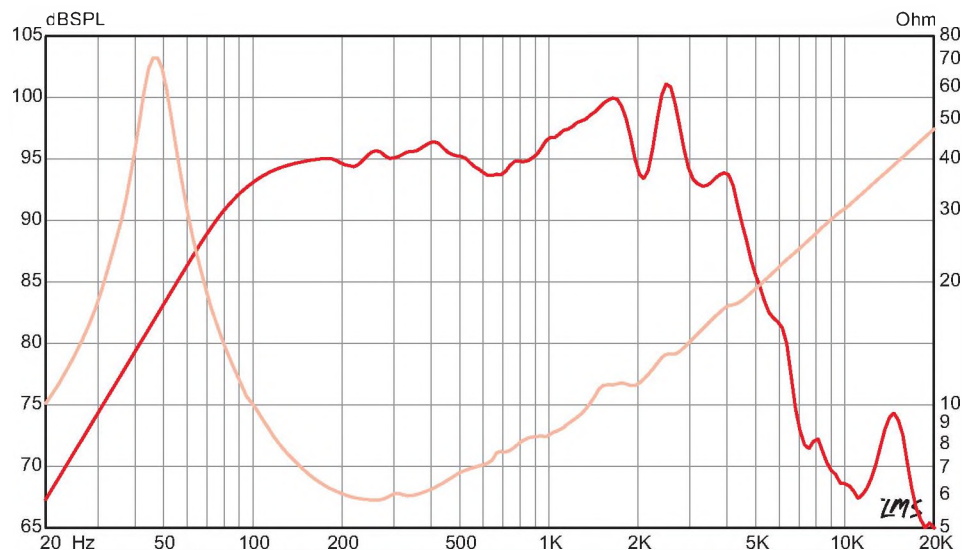
### THIELE & SMALL PARAMETERS

Fs	46 Hz
Re	5.02 Ω
Le	0.47 mH
Qms	4.16
Qes	0.34
Qts	0.31
Vas	2.24 cu.ft., 63.4liters
Vd	140 cc
Cms	0.36 mm/N
BL	11.9 T-M
Mms	33 grams
EBP	135
Xmax	4 mm
Sd	350.1 cm <sup>2</sup>
Xlim	8 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	N/A
	Vented	20–51 liters, 0.7–1.8 cu.ft.
Driver Volume Displaced		0.03 cu.ft., 0.84 liters
Overall Diameter		10.08", 256 mm
Baffle Hole Diameter		9.18", 233.2 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		N/A
Mounting Holes Diameter		0.25", 6.4 mm
Mounting Holes B.C.D.		9.66", 245.4 mm
Depth		4.25", 108 mm
Net Weight		3.5 lbs, 1.59 kg
Shipping Weight		4.6 lbs, 2.09 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



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