

# BASS GUITAR

## BASSLITE® SC10

Optimized specifically for sealed bass cabinets, the ultra-lightweight Basslite SC10 will take the weight out, but leave the performance in. Featuring a 4 oz. neodymium magnet and 2 inch voice coil, this 10 inch speaker is available in 16 and 32 ohms for your 4x10 or 8x10 rig.

- **300 W** Program Power
- **10"** Nominal Diameter
- **16 Ω**

### ENCLOSURE

- Sealed Box
- Vented Box

### SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	16 Ω
Power Rating*	
Program Power	300 W
Nominal Power	150 W
Resonance	46 Hz
Usable Frequency Range	50 Hz – 4.2 kHz
Sensitivity*	94.3 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
- Curved paper cone
- Cloth cone edge
- Solid composition felt dust cap



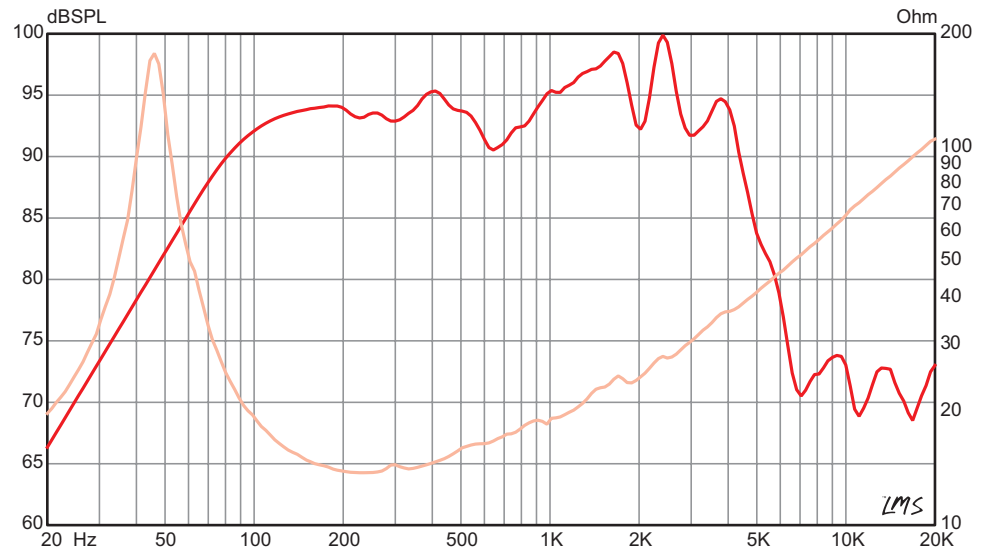
### THIELE & SMALL PARAMETERS

Fs	46 Hz
Re	12.21 Ω
Le	0.89 mH
Qms	2.23
Qes	0.56
Qts	0.45
Vas	2.76 cu.ft., 78.27liters
Vd	154 cc
Cms	0.46 mm/N
BL	12.79 T-M
Mms	26 grams
EBP	81
Xmax	4.4 mm
Sd	350.1 cm <sup>2</sup>
Xlim	9 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	16.79–40.49 liters, 0.59–1.43 cu.ft.
Vented	27.47–69.38 liters, 0.94–2.45 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	Yes
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\*



VISIT [EMINENCE.COM](http://EMINENCE.COM) TO FIND A DEALER NEAR YOU.

\* See footnotes on page 2 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.



## FOOTNOTES

### IMPEDANCE

Please consult [www.eminence.com](http://www.eminence.com) for specifications of models with alternative impedances.

### POWER RATING

Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment. Multiple compression drivers exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.

### SENSITIVITY

The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. 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 | Yamaha P3500S amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges). Compression drivers were tested using a 2ft x 2ft baffle built into the wall with horn front mounted.

### COAXIALS

BETA 8CX, 10CX, and 12CX are coaxial speakers with tweeter sold separately. Published usable frequency response contingent upon use of ASD:1001 HF Driver.

Prices, product cosmetics and specifications are subject to change without notice.

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