

GSB12

12" In-Ground Subwoofer



HIGHLIGHTS

The **JBL GSB12** in-ground 12-inch landscape subwoofer augments the low-frequency performance of JBL GSF full-range landscape speakers to provide rich, full-range sound in lawn and garden areas of hospitality, corporate and retail spaces.

The **GSB12** focuses on fidelity, with true subwoofer extension down to 30 Hz and a steep, multiple-slope lowpass filter for superior sound. Its premium-grade, 200-watt subwoofer-band transformer allows use in 70V/100V systems or can be connected for low-impedance direct operation.

This sleek, ultra-low-profile speaker—winner of international design awards for industrial design excellence and installs underground, with only the audio port visible. It's designed to withstand the elements: its chamber is oriented directly below the audio port to prevent accidental damage from landscaping, which can be a problem with side-located chambers. Grab handles allow easy installation and tabs secure the subwoofer to blocks or anchors.

Add the **GSB12** to landscape areas of hotels, shopping complexes, restaurants, public spaces, theme parks or any application that demands legendary JBL sound with deep, rich, powerful bass.

FEATURES

Transducer: 305 mm (12") polypropylene driver, 50mm (1.5") voice coil on Kapton former

True subwoofer performance down to 30 Hz

450 W Power Handling (continuous pink noise, 2 hrs)

Built-in steep, **multiple-slope lowpass filter**

Low-impedance direct operation, plus premium-grade subwoofer-band transformer for use in 70V/100V systems

Forms a complete system with JBL GSF full-range landscape speakers

Chamber oriented directly below opening to prevent accidental damage from landscaping

Grab handles allow easy installation

Anchor points for securing cabinet to block or anchors

Available in Hunter Green or Tan finishes to fit a wide variety of landscapes

Dimensions: 402 x 866 mm (16 x 34 in) (Diameter x H)

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SPECIFICATIONS

SYSTEM	
Frequency Range ¹ (-10 dB):	30 Hz – 120 Hz
Frequency Response ¹ (±3 dB):	39 Hz – 107 Hz
Power Rating ² :	900 W Continuous Program (2 hrs) 450 W (1800 W Peak), Continuous Pink Noise (2 hrs) 300 W (1200 W Peak), Continuous Pink Noise (100 hrs)
Maximum Input Voltage:	45 V (based on 2 hr Continuous Pink Noise rating)
Sensitivity ³ :	85.5 dB (ave. 40 Hz – 105 Hz)
Nominal Coverage Angle:	360° horizontal, 160° vertical (primary listening 10° to 50° up from ground).
Rated Maximum SPL ⁴ :	118 dB peak (112 dB continuous, 2 hr) @ 1m
Nominal Impedance:	6Ω (at 6Ω tap)
Minimum Impedance:	4.8Ω at 43Hz
Transformer Taps:	70V: 200 W, 100 W, 50 W 100V: 200 W, 100 W
Insertion Loss:	<0.5 dB at any tap setting
Thru Setting:	6Ω nominal
Crossover Type:	2nd order
Recommended Protective High-Pass:	27 Hz for 6Ω operation and for all tap settings, 24 dB/oct
TRANSDUCER	
Driver:	305 mm (12-inch) driver, polypropylene injection cone, thermoplastic vulcanizate surround, 50 mm (2-inch voice coil on Kapton™ former).
PHYSICAL	
Enclosure Material:	LDPE Polyethylene plastic, 6 mm minimum wall thickness, color throughout.
Grille:	Aluminum
Environmental:	IP-66 rating per IEC529 (dust protected and protected against strong jets of water). Exceeds MilSpec 810 for humidity, salt spray, temperature, & UV. Passes Mil-Std-202F for salt spray.
Agency Ratings:	Transformer UL Recognized per UL1876, ROHS compliant.
Terminals:	Bare wire with dielectric-gel-filled wire nuts (1 meter single jacketed cable 7 wires with 14 AWG)
Dimension (H X D):	842 x 400 mm (33.2 x 15.8 in)
Net Weight:	16.2 kg (35.7 lbs)
Shipping Weight:	19.5 kg (43.0 lbs) per carton (1 speaker per carton)
Included Accessories:	(7) wire nuts
Colors:	Pine Green RAL 6028, or Beige Grey RAL 7006

¹ Half-space, 2π loading (in-ground recessed).

² Continuous Pink Noise rating is IEC spectrum, with 6 dB crest factor. Continuous program power is defined as 3 dB above the Continuous Pink Noise Rating. In 6 ohm mode.

³ Half-space, 2π loading (in-ground recessed), 360° horizontal, vertical averaged 10 to 50 degrees from ground.

⁴ 6 ohm mode, calculated from sensitivity and power handling, exclusive of power compression.

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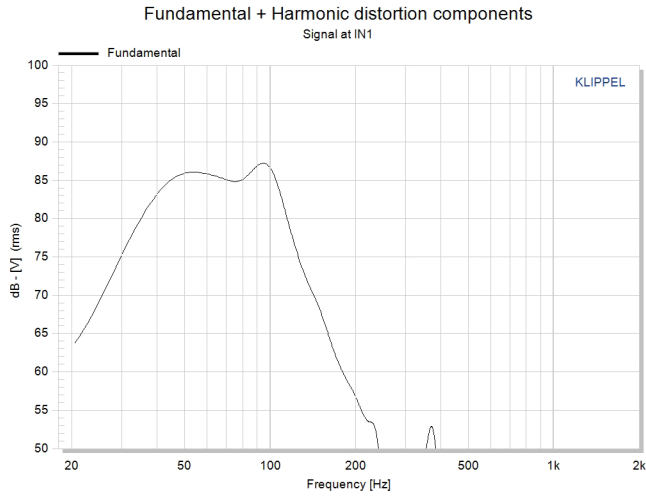
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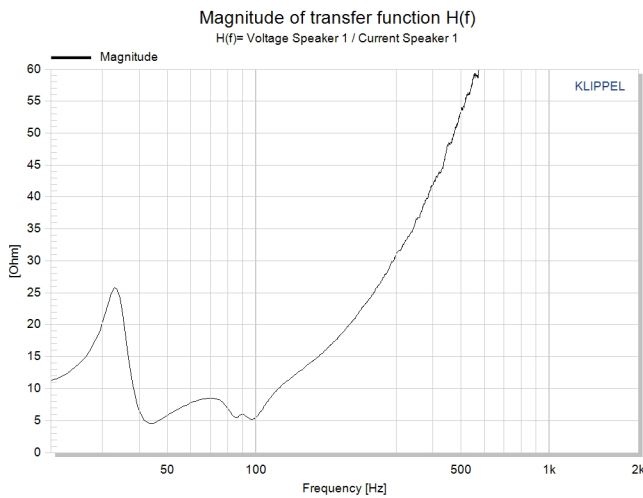


Frequency Response:

In half-space (2π , in-ground).



Impedance:



Dimensional Drawing:



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Issued: 7/2023