

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. The GSB12 is UL Listed per UL1480A.

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: 12" polypropylene driver with 50mm (1.5") voice coil on Kapton former

Subwoofer performance down to 30 Hz

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

Agency Listed: UL1480A

Passive Low-Pass: Built-in steep, multiple-slope low-pass filter

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

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

Protection: Chamber located directly below port cap to prevent accidental damage from landscaping

Colors: Available with green or tan to fit a wide variety of landscapes

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, 50W 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, 30 Hz for 50W tap, 39 Hz for 100W tap, 55 Hz for 200W tap. 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:	Speaker listed per UL1480A. Compliant with IEC62368-1. ROHS.
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:	Available in Hunter Green or Tan

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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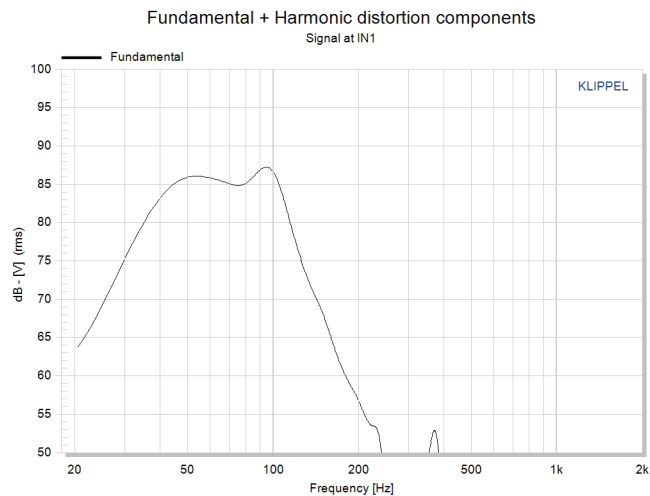
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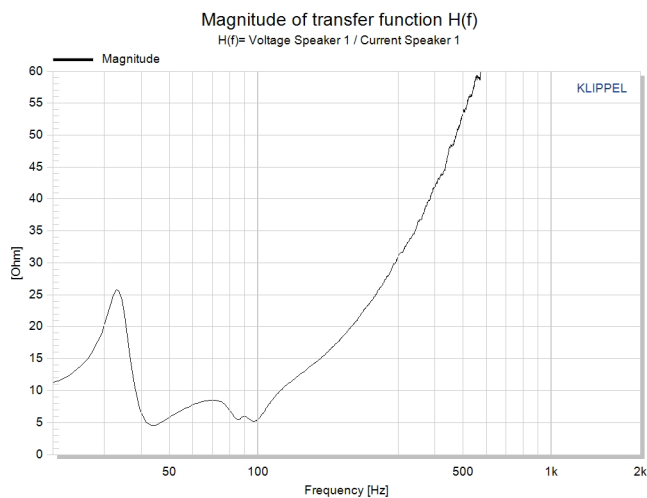


Frequency Response:

In half-space (2π , in-ground).



Impedance:



Dimensional Drawing:



HARMAN Professional 8500 Balboa Blvd. Northridge, CA 91329 USA

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