

JBL GC18

Single 18-Inch High Performance Subwoofer



JBL GC18 18" high-power passive subwoofer is specially tuned for entertainment venues like bars, clubs, or live sound amplification in music restaurants and theatres and can be used with GC Series Full Range Speaker System.

GC18 uses an 18" woofer built under the most stringent industry standard and a magnetic circuit optimized through Finite Element Analysis (FEA) simulations. With its carefully-calculated vibration mass, cabinet capacity and venting port size, GC18 possesses optimal transient response and is able to deliver bass in an extended, powerful and articulate way and with minimized distortion and free of overhang. GC18 installs a concealed terminal cup for installation convenience. The NL4 Neutrik Speakon® connectors allow loop-thru connection of multiple units and system extension can be accomplished with minimum effort.

KEY MESSAGES ■

System Solutions

The GC18 has been designed with a number of practical features, including feet on the bottom and sides of the unit to meet both vertical and horizontal placement requirements; The hidden connection plate eliminates the need to reserve space for cables. The GC18 supports stacking applications and can be mounted on its side or in the front. The GC18 utilizes a high-power 18" woofer to provide the performance and stability required for high-end low frequency response.

Performance

The JBL GC18 woofer features a full-bodied, low-frequency response with good low-frequency dynamics for flexible use with the GC Series full-range speakers.

Internal Innovations

As a cost-effective subwoofer of the GC Series, GC18 provides the needs for different places and applications. The sound and internal structure have been re-designed and adjusted according to the actual application scenarios, making it more compatible with the needs for low frequency of complex environment.

HIGHLIGHTS ■

18" low frequency driver of new design features high power and long excursion and realizes extended low frequency reproduction and low distortion

Low profile and compact enclosure design with reinforced internal bracing delivers optimal low frequency response with minimum cabinet resonance

Concealed terminal cup for vertical and horizontal installation

Rotatable JBL ENTERTAINMENT logo for either horizontal or vertical installation

NL4 Neutrik Speakon® connectors allow easy extension of the system

TECHNICAL SPECIFICATIONS ■

System:	
Frequency Range (-10 dB):	38 Hz - 200 Hz
Frequency Response (± 3 dB):	50 Hz - 200 Hz
System Power Rating: (continuous/music/peak)	700 W / 1400 W / 2800 W
Maximum SPL (1m) ¹ :	127 dB continuous average (139 dB peak)
System Sensitivity (2.83V@1m):	98 dB
Nominal Impedance:	8 ohms
Transducer:	
LF Driver:	1 × 18" (457.2 mm) woofer
Physical:	
Enclosure:	18 mm birch plywood, fitted with handles and castors position
Finish:	Black DuraFlex™ finish
Grille:	Powder coated, 1.8 mm perforated steel
Input Connector:	NL4 Neutrik Speakon® in parallel for loop-thru
Dimensions (H × W × D):	767 mm × 557 mm × 740 mm 30.2 inch × 21.9 inch × 29.1 inch
Net Weight:	57.8 kg (127.4 lbs)

Footnotes:

- 1: Measurement conducted under half-space (2π) conditions.
- 2: Peak, unweighted SPL, measured under half-space conditions at 1 meter using broadband pink noise with a 12dB crest factor.
- 3: Testing conducted for 2 hours under pink noise with a crest factor of 6 dB, in accordance with IEC standards.

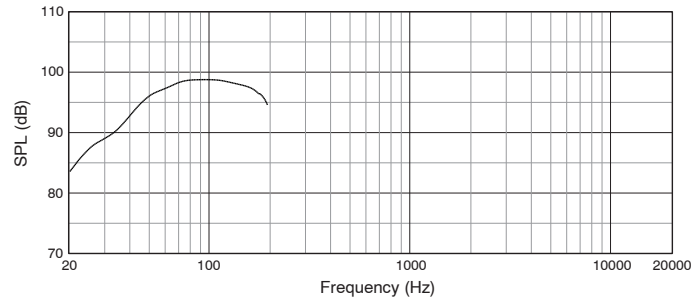
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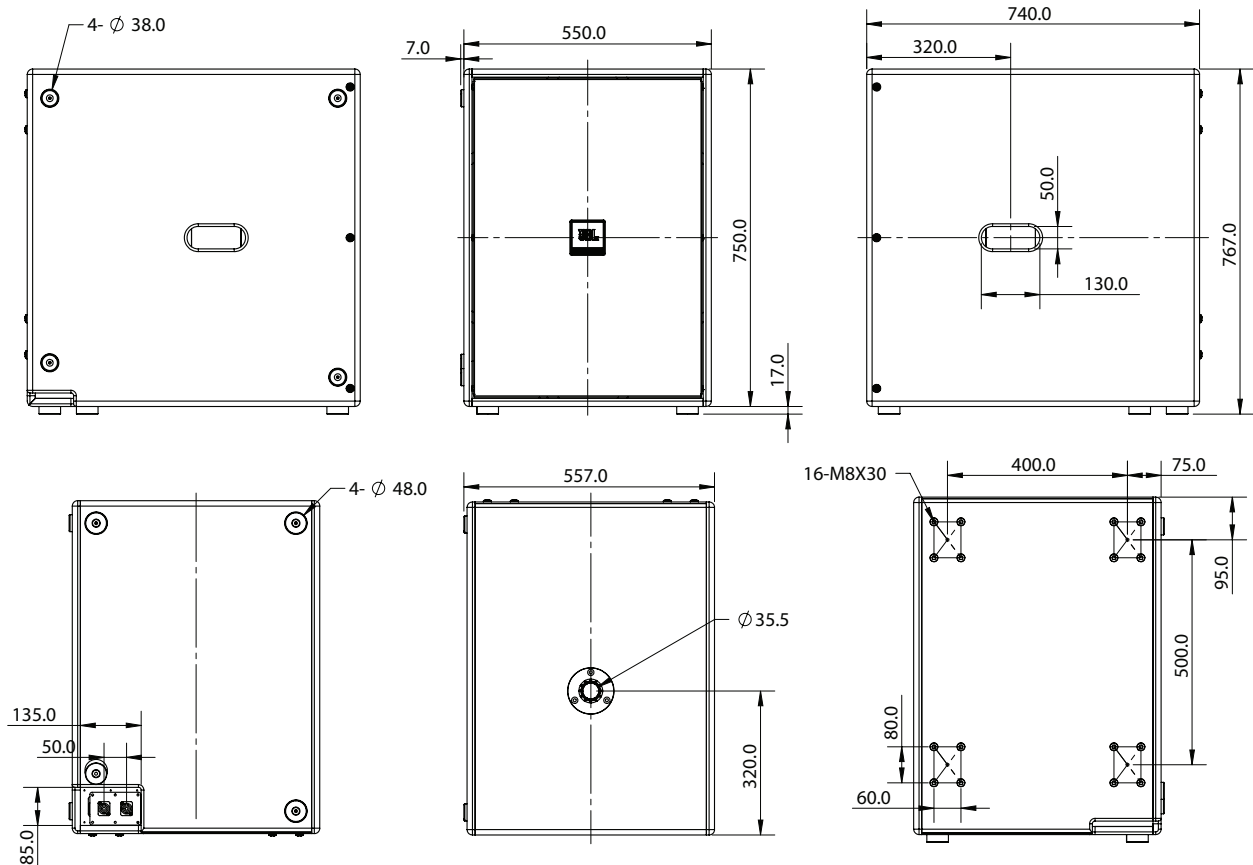
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Frequency response ■



Engineering drawings ■



Harman Professional, Inc. 8500 Balboa Blvd. Northridge, CA 91329 USA

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