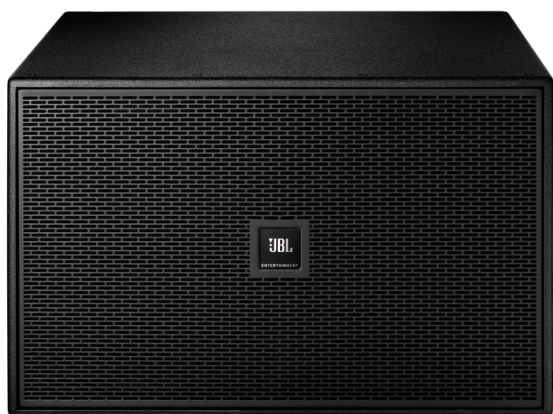


# JBL GC28

## Dual 18-Inch High Performance Subwoofer



JBL GC28 dual 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.

GC28 uses two 18" woofers 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, GC28 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. GC28 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.

GC28 comes with a mode switch to select between 4 ohms (two woofers in parallel) and 8 ohms (separate input for each woofer) operation mode.

### KEY MESSAGES ■

#### System Solutions

The GC28 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 GC28 supports stacking applications and can be mounted on its side or in the front. The GC28 utilizes dual high-power woofers to provide the performance and stability required for high-end low frequency response.

#### Performance

The JBL GC28 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, GC28 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 ■

Dual 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 increased cabinet capacity 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

Selectable 4 ohms (two woofers in parallel) and 8 ohms (separate input for each woofer) mode

### FEATURES ■

#### Unique and innovative connection panel design

With the help of hidden connecting panel design, JBL GC28 can lean against the wall to enhance the low-frequency effect. The enclosure is made of birch plywood, providing exceptional low-frequency effect and sturdy enclosure construction.

#### Flexible use

JBL GC28 can be stacked, installed vertically or horizontally. According to different application requirements, the speaker impedance can be adjusted with a switch.

### TECHNICAL SPECIFICATIONS ■

<b>System:</b>	
Frequency Range (-10 dB):	35 Hz - 200 Hz
Frequency Response ( $\pm 3$ dB):	45 Hz - 200 Hz
System Power Rating: (continuous/music/peak)	1400 W / 2800 W / 5600 W
Maximum SPL (1m) <sup>1</sup> :	136 dB continuous average (148 dB peak)
System Sensitivity (2.83V@1m):	104 dB
Nominal Impedance:	4 ohms
<b>Transducer:</b>	
LF Driver:	2 × 18" (457.2 mm) woofer
<b>Physical:</b>	
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
Switch:	Selectable 4 ohms (two woofers in parallel) and 8 ohms (separate input for each woofer) mode
Dimensions (H × W × D):	1005 mm × 627 mm × 880 mm 39.6 inch × 24.7 inch × 34.6 inch
Net Weight:	99.3 kg (218.9 lbs)

#### Footnotes:

- 1: Measurement conducted under half-space ( $2\pi$ ) 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.

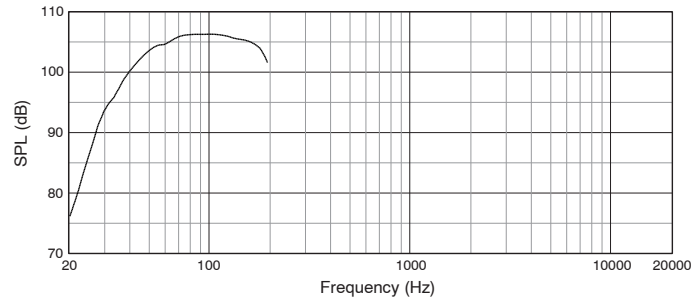
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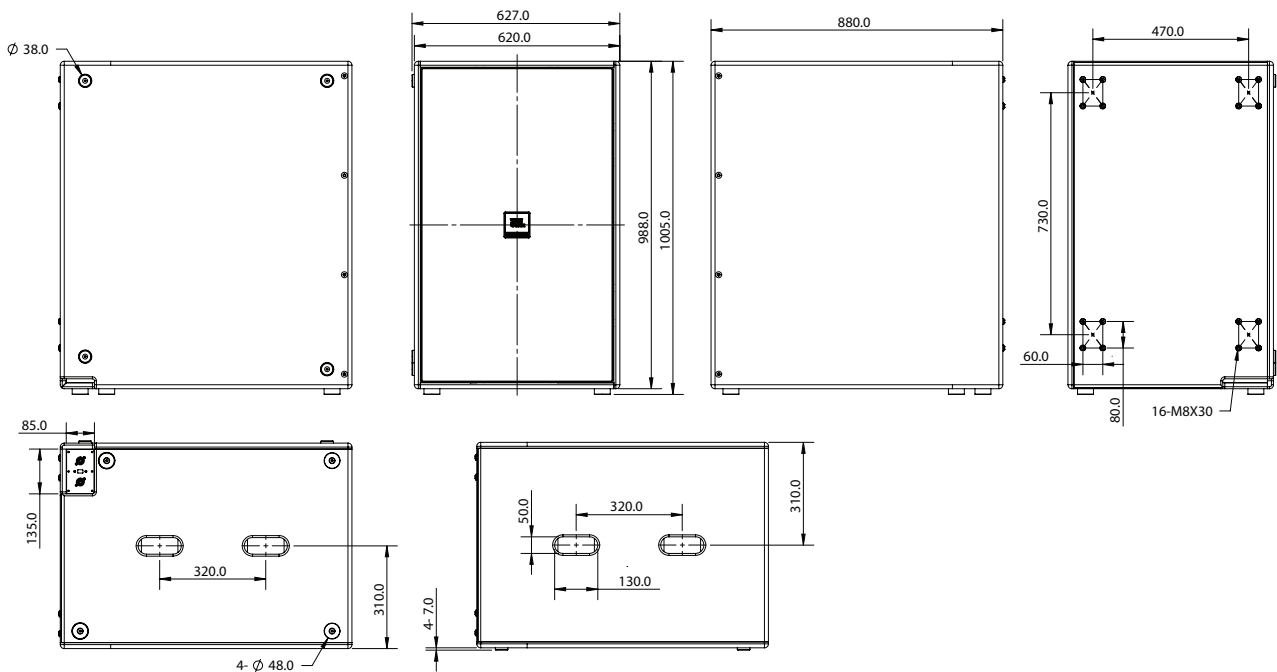
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### Frequency response ■



### Engineering drawings ■



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