

# CVL18S

## 18" Passive Subwoofer



CVL18S is an innovative, compact 18-inch passive subwoofer that delivers exceptional bass performance for small to mid-sized venues. CVL18S was engineered to deliver high quality audio to installations such as multi-purpose halls, stadiums, banquet halls and many more. It can be flown or used in a ground stack for added flexibility.

CVL18S is equipped with an 18-inch high-power low-frequency subwoofer, providing lower distortion and consistent and stable output with large dynamic range and high sound pressure.

With black DuraFlex™ finish, CVL18S is compact, lightweight, easy to rig, and can be rigged together with CVL28 to support a maximum of eight loudspeakers, suitable for different application scenarios.

### KEY MESSAGES ■

#### Inside The Innovations

CVL18S delivers lower distortion and greater low-frequency extension. DuraFlex™ coating provides rigid and long duration.

#### Simple Rigging

CVL18S's rigging system is quick and easy to use. It interfaces easily with CVL28 which can easily be attached and set to a specific angle with the adjustment of a single pin.

#### Flexible Installation

CVL18S can be installed in combination with CVL28 to meet the needs of different applications. Its integrated handles make it easy to move. With phoenix connection, CVL18S provides faster and easier setup for fixed installation.

#### Spare Part Info

9 x M8 22 mm stainless steel screws

3 x 4-pin Phoenix plugs

Note: Please mount the speaker with screws provided in the accessory package during installation.

### PRODUCT HIGHLIGHTS ■

#### High Performance

CVL18S features an 18-inch high-power and large-dynamic low-frequency woofer which can maintain continuous and stable output with a large dynamic range and a loud sound pressure.

#### Simple Rigging System

An innovative rigging system was specifically engineered for CVL18S to make installation fast, simple and secure.

#### Durable Build Quality

CVL cabinets are made out of the highest quality materials and finished with JBL's DuraFlex™ impact resistant coating.

### TECHNICAL SPECIFICATIONS ■

System Type	18" Passive Subwoofer
Frequency Range (-10 dB) <sup>1</sup> :	38 Hz – 300 Hz
Frequency Range (±3 dB) <sup>1</sup> :	44 Hz – 180 Hz
Rated Input Power <sup>3</sup> :	1000 W / 2000 W / 4000 W (continuous / music / peak)
Rated Impedance:	8 ohms
Sensitivity (1w@1m) <sup>1</sup> :	101 dB
Maximum Peak output SPL <sup>2</sup> :	131 dB continuous, 143 dB peak

Transducers	
Low Frequency Driver:	1 x 18" LF driver unit

Appearance	
Box Structure:	18 mm Poplar Plywood, fitted with handle, and Black DuraFlex™ finish
Suspension:	Stainless steel screw fixation, left and right suspension rigging
Grille:	1.8 mm perforated iron mesh, with acoustically transparent black cloth backing
Connector:	2 x Phoenix plugs in parallel for loop-through output
Type:	2 x Phoenix terminals
Pin Assignments:	Low Frequency: 1+, 1-
Dimension (H x W x D):	518 x 662 x 786 mm
Net Weight:	54 kg

#### Footnotes:

1: Measured in a half space (2π) condition.

2: Peak, unweighted SPL, measured under half-space conditions at 1 meter using broadband pink noise with a 12dB crest factor.

3: According to IEC standard, tested for 2 hours under pink noises with a crest factor of 6 dB.

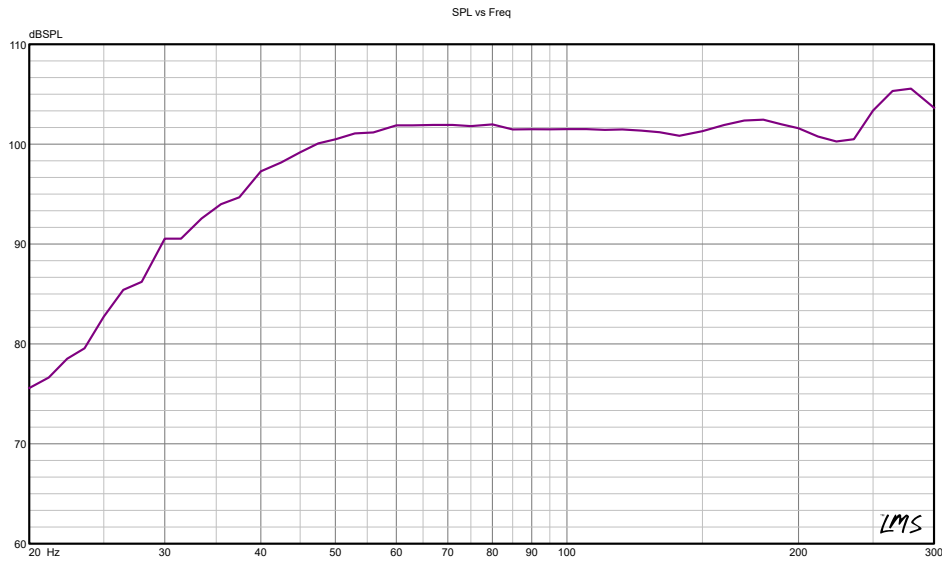
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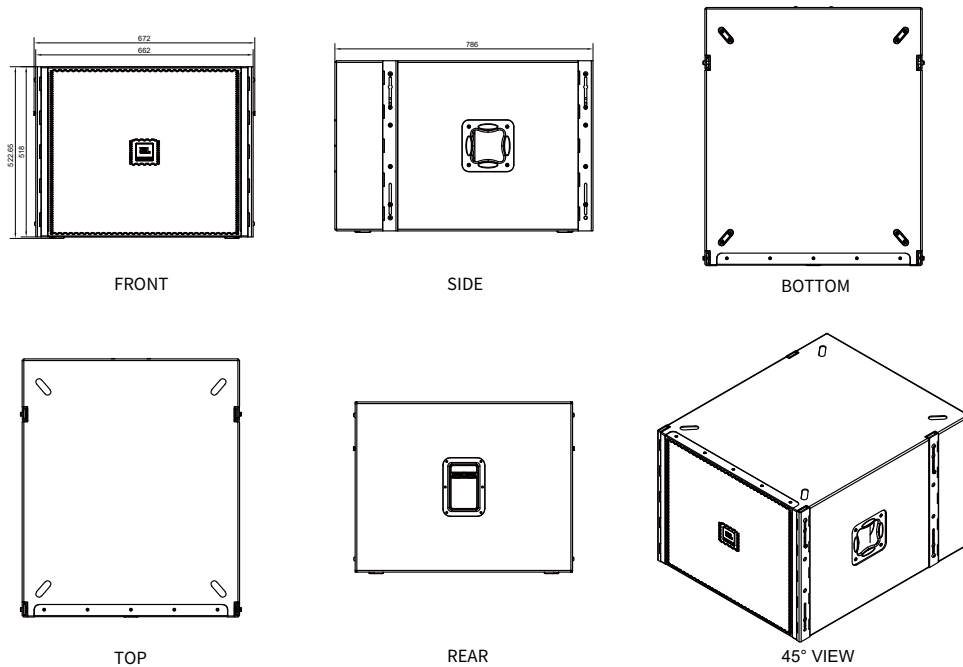
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## Frequency Response ■



## Engineering Drawing ■



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