



# CV3012/99

## 12 Inch 2-Way Loudspeaker System

### Professional Series

### Key Features:

- ▶ 90° × 90° horn creates even coverage
- ▶ 12" customized low frequency driver for highly efficient electro-acoustic conversion
- ▶ JBL 2408-2 high frequency compression driver for lower distortion
- ▶ Enclosure constructed from 15 mm quality plywood and finished in DuraFlex™ coating
- ▶ Multiple M10 suspension points and a 35 mm pole-mounting socket for flexible installation
- ▶ Two integral handles for easy transport and setup
- ▶ High-strength front grille protects the system from foreign objects
- ▶ Rotatable JBL COMMERCIAL logo



### Applications:

- ▶ For commercial installed sound applications, e.g. background music playback or events in restaurants or hotel ballrooms.
- ▶ As main speaker for use with subwoofers.

CV3012/99 is a 12" 2-way speaker system designed by JBL for commercial installed sound applications.

CV3012/99 uses a 12" custom low frequency driver and a JBL 2408-2 high frequency compression driver and is capable of reproducing sound in high definition, low distortion and low power compression. A 90° × 90° horn is mounted to ensure even and balanced audience coverage in spaces of different sizes. For optimal frequency response and minimum cabinet resonance, CV3012/99 constructs its cabinet from quality ply-wood and positions transducers and components based on meticulous calculation and simulation, which on the other hand leads to light weight and compact footprint of the entire system.

CV3012/99 designs its cabinet to meet different installation requirements. Multiple M10 threaded points and one 35 mm socket are available for either flying suspension or pole mounting. Two integral handles are provided for easy transport and setup. A pair of NL4 Neutrik Speakon® connectors allow loop-through connection of multiple speakers. For increased wear-resistance and extended longevity, CV3012/99 finishes its cabinet by DuraFlex™ coating and protects internals from foreign objects with a grille made from high-strength steel.

In collaboration with else CV3000 Series sibling models, CV3012/99 targets to bring exceptional versatility, reliability and ease of use, and most importantly, stunning acoustic performance, to a variety of commercial applications, be it background music playback or events in small-to-large size restaurants or hotel ballrooms.

### Specifications:

<b>System:</b>	
Frequency Range (-10 dB) <sup>1</sup> :	47 Hz – 20 kHz
Frequency Response (±3dB) <sup>1</sup> :	80 Hz – 20 kHz
Coverage:	90°×90°
System Power Rating (IEC, 2 hrs) <sup>3</sup> :	350 W / 700 W / 1400 W (continuous / music / peak)
Maximum SPL (1m) <sup>2</sup> :	123 dB continuous average (129 dB peak)
System Sensitivity (2.83V@1m) <sup>1</sup> :	97.5 dB
Nominal Impedance:	8 Ω
<b>Transducers:</b>	
LF Driver:	1 × 12" woofer, 2.5" voice coil
HF Driver:	1 × 2408-2, 1.5" voice coil, annular single diaphragm
<b>Physical:</b>	
Enclosure:	Trapezoidal with 20° side angles, 15mm poplar plywood, fitted with handles
Suspension:	13 (3@top, 3@bottom, 2@each side, 3@rear) × M10 threaded hardware; 35mm OmniMount pole-mounting socket
Finish:	Black DuraFlex™ finish
Grille:	Powder coated, 1.5 mm perforated steel
Input Connector:	NL4 Neutrik Speakon® in parallel for loop-through
Dimensions (H × W × D):	600 mm × 365 mm × 392 mm (23.6 in × 14.4 in × 15.4 in)
Net Weight:	18.85 kg (41.6 lbs)

1 Full space (4π) conditions

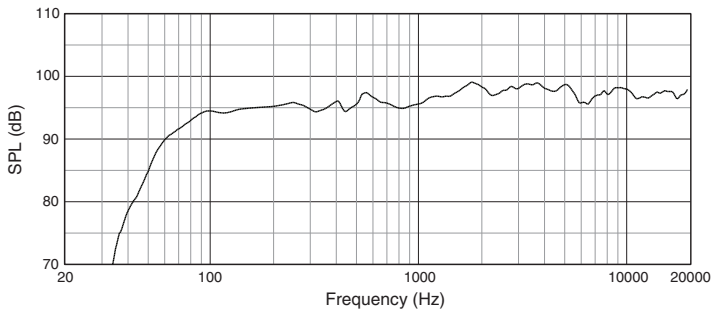
2 Calculated maximum SPL based on rated power handling

3 IEC standard, pink noise with 6dB crest factor for 2 hours

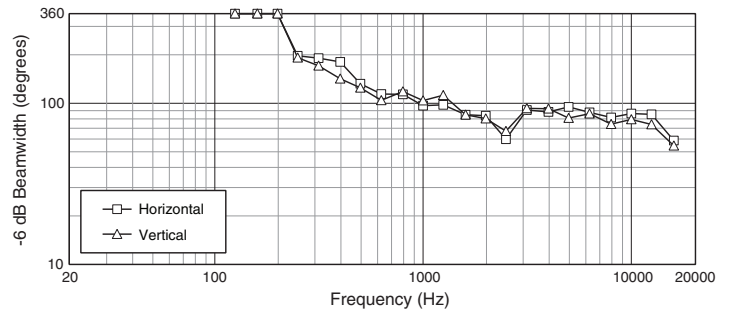
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## Frequency Response:

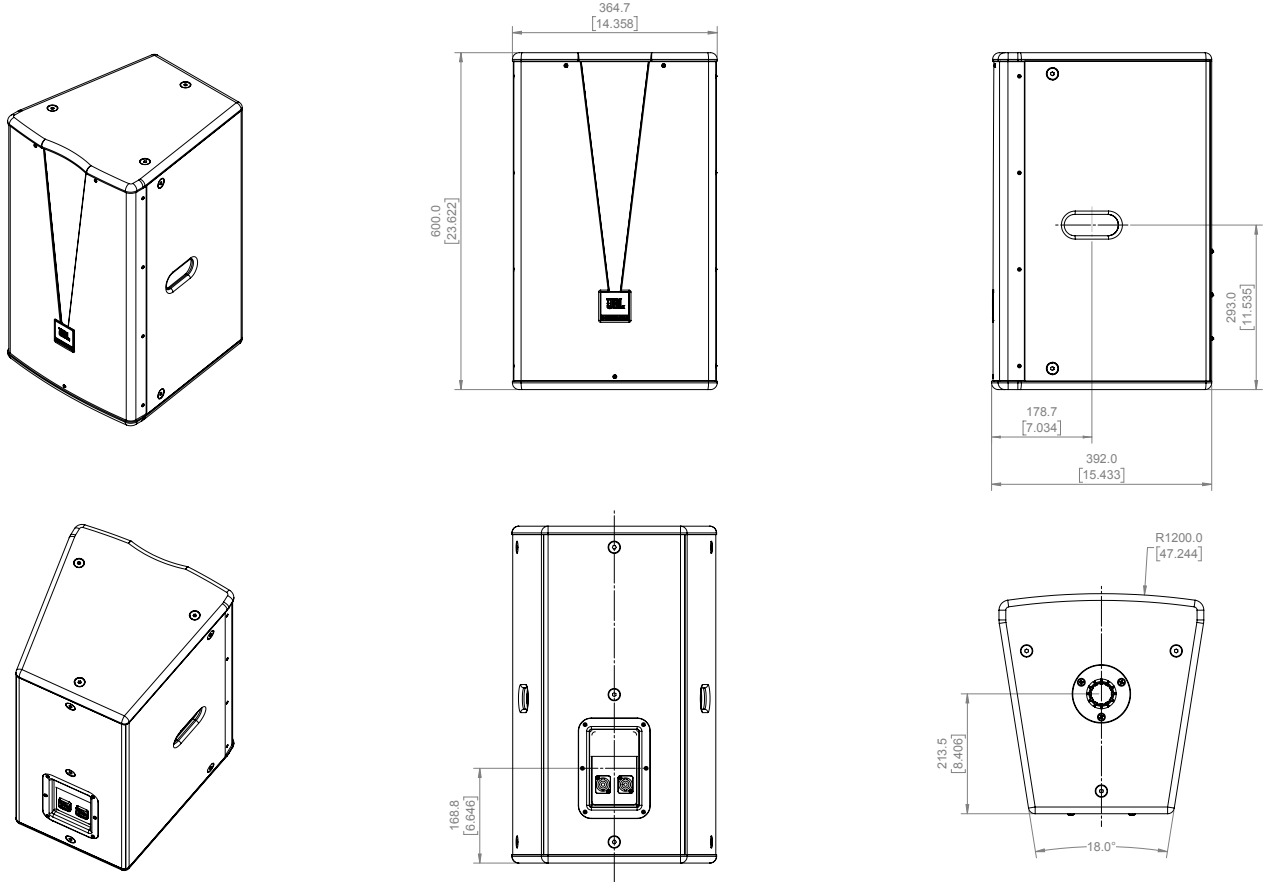


## Beamwidth:



## Dimensions:

Dimensions in mm (inch)



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