

Key Features:

- ▶ Robust 15mm enclosure with black textured finish
- ▶ 310 mm (12 in) LF transducer
- ▶ 90° x 90° Waveguide with a 25 mm (1 in) exit 35mm (1.5") voice-coil compression driver
- ▶ Dual Neutrik NL4 connectors plus screw terminals
- ▶ Multiple attachment points for ultimate flexibility

Applications:

- ▶ Performing Spaces
- ▶ Clubs & Bars
- ▶ Houses of Worship
- ▶ Multi Media Spaces
- ▶ Retail & Hospitality Spaces
- ▶ Presentation Suites
- ▶ Educational Facilities

AC299 is a compact 2-way full-range loudspeaker system comprised of one 310 mm (12 in) low frequency driver and one 25 mm (1 in) exit/35 mm (1.5 in) voice-coil compression driver. The horn provides 90° by 90° coverage in vertical and horizontal orientation. High-slope passive crossovers minimize band overlap and well-controlled offaxis response.

The cabinet is fitted with M10 threaded suspension points. Four threaded inserts located on back of the enclosure allow attachment of a MultiMount® or similar type mounting.

AC299 is part of JBL's AE Application Engineered Series, a versatile family of loudspeakers for a wide variety of fixed installation applications.



Specifications:

System:

Frequency Range (-10 dB) ¹ :	63 Hz - 20 kHz
Frequency Response (±3 dB) ¹ :	80 Hz - 18kHz
System Sensitivity (1w @ 1m) ¹ :	97 dB
Nominal Impedance:	8 ohms
Maximum SPL(1m) ² :	121 dB (127 dB peak)
Power Rating ³ : (Continuous/Program/Peak)	250 W/500 W/1000 W
Coverage Pattern:	90° x 90° (H x V)
Crossover:	1.5 kHz

Transducers:

Low frequency driver:	1 x 12" woofer (P/N: 5050730), 310 mm (12 in) driver with 66 mm (2.5 in) voice-coil
High frequency driver:	1 x 2408H-2 driver with 25 mm (1 in) exit/35 mm (1.5 in) voice-coil

Physical:

Input Connector:	Dual Neutrik NL4MP connectors plus covered barrier trip terminals
Enclosure:	15 mm multi-ply hardwood plywood
Grille:	Powder coated, 1.5mm perforated steel, with acoustically transparent black foam backing
Finish:	Textured black paint finish. White (-WH) available upon request. Not available with WRC & WRX finish.
Suspension / Mounting:	14 x M10 and 4 x M10 for Wall Mount Bracket. Optional U-bracket, L-bracket and wall-mount bracket
Dimensions (H x W x D):	600 mm x 370 mm x 392 mm 23.6 in x 14.5 in x 15.4 in
Net Weight:	17.3 kg (38.1lbs)

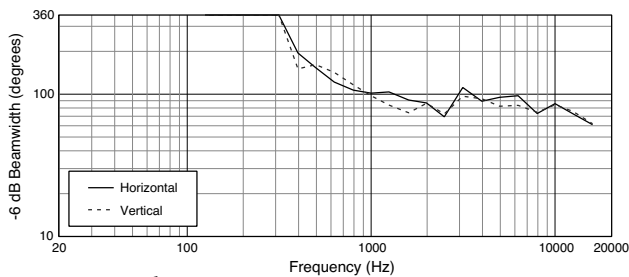
¹ Full space (4π) conditions

² Calculated maximum SPL based on rated power handling

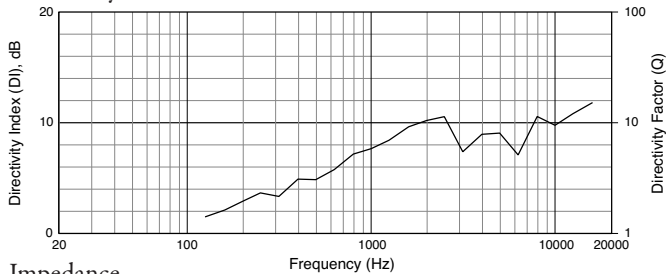
³ IEC shaped pink noise with 6dB CF for 100hrs

► AC299 2-Way Loudspeaker with 1 x 12" LF

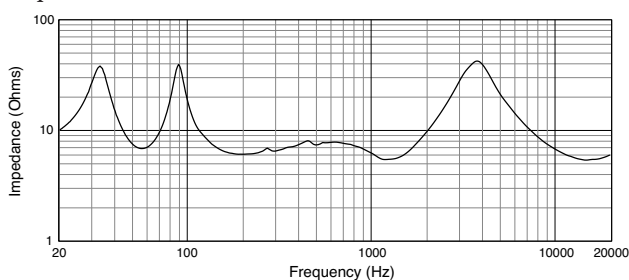
Beamwidth



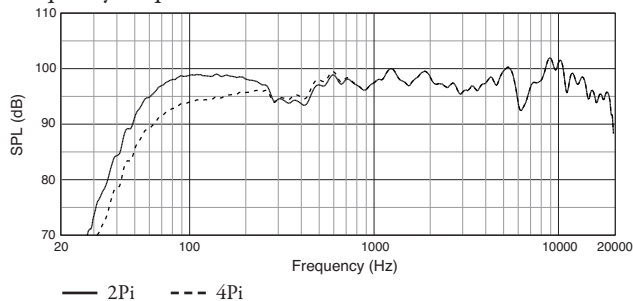
Directivity Index



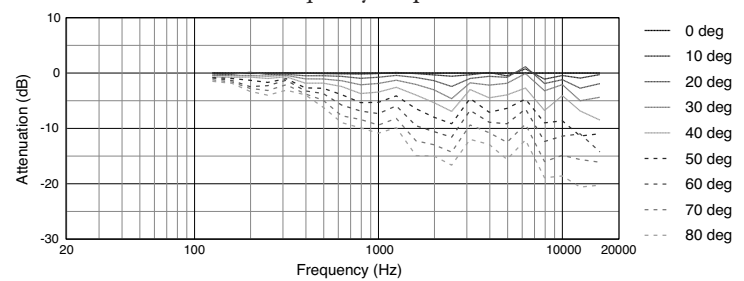
Impedance



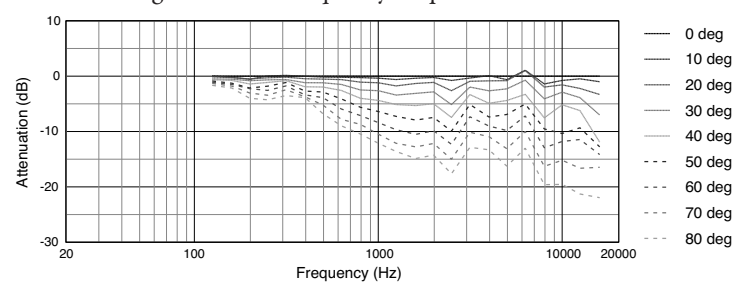
Frequency Response, 1W/1M



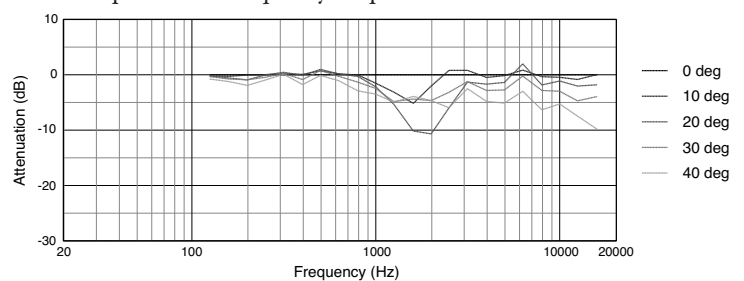
Horizontal Left Off-Axis Frequency Response



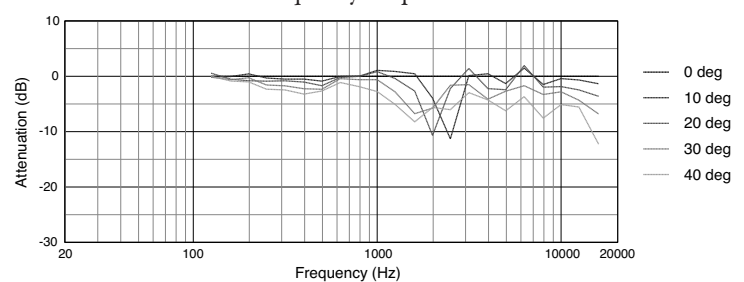
Horizontal Right Off-Axis Frequency Response



Vertical Up Off-Axis Frequency Response

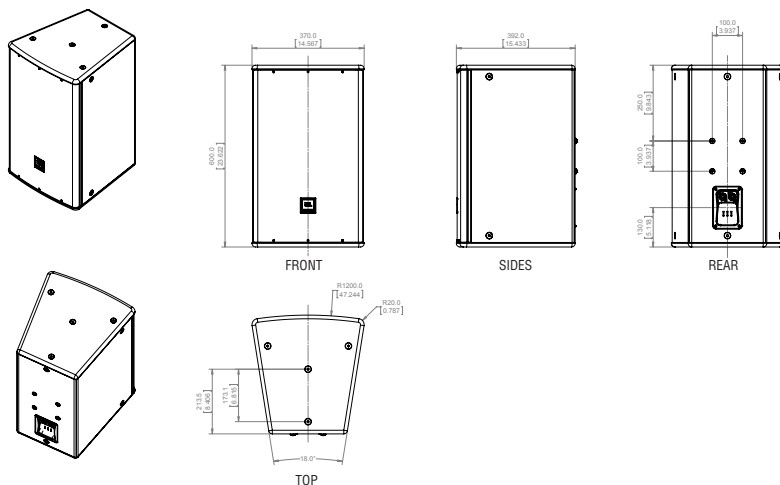


Vertical Down Off-Axis Frequency Response



Dimensions:

Dimensions in mm (inch)



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