

### Key Features:

- ▶ Robust 15mm enclosure with black textured finish
- ▶ 304.8 mm (12 in) LF transducer
- ▶ 90° x 90° Waveguide with a 25 mm (1 in) exit 38mm (1.5") diaphragm 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 304.8 mm (12 in) low frequency driver and one 25 mm (1 in) exit/38 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) <sup>1</sup> :	63 Hz - 20 kHz
Frequency Response (±3 dB) <sup>1</sup> :	80 Hz - 18kHz
System Sensitivity (1w @ 1m) <sup>1</sup> :	97 dB
Nominal Impedance:	8 ohms
Maximum SPL(1m) <sup>2</sup> :	121 dB (127 dB peak)
Power Rating <sup>3</sup> : (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), 304.8 mm (12 in) driver with 38 mm (1.5 in) voice-coil
High frequency driver:	1 x 2408H-2 driver with 25 mm (1 in) exit/38 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):	370 mm x 392 mm x 600 mm 14.5 in x 15.4 in x 23.6 in
Net Weight:	17.3 kg (38.1lbs)

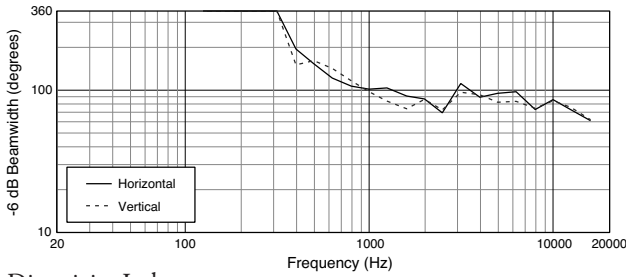
1 Full space (4π) conditions

2 Calculated maximum SPL based on rated power handling

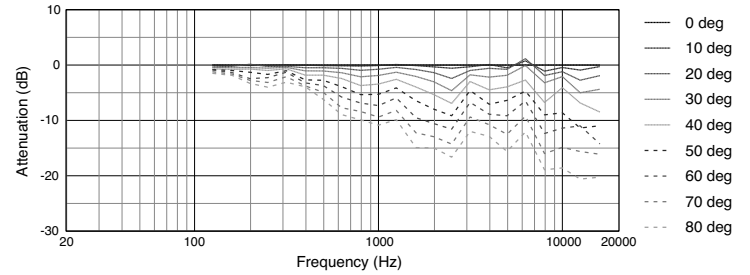
3. IEC shaped pink noise with 6dB CF for 100hrs

# ▶ AC299 2-Way Loudspeaker with 1 x 12" LF

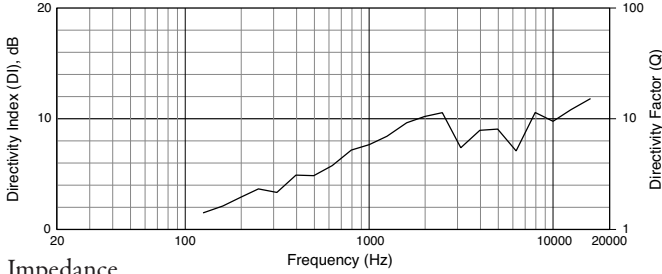
Beamwidth



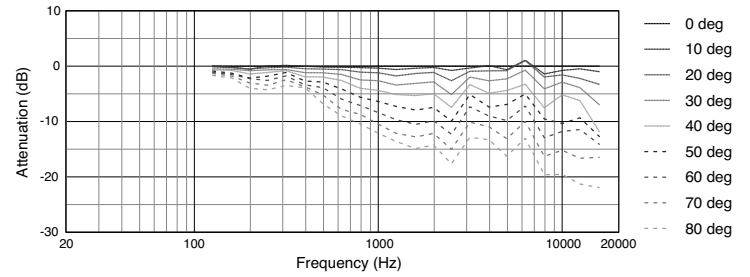
Horizontal Left Off-Axis Frequency Response



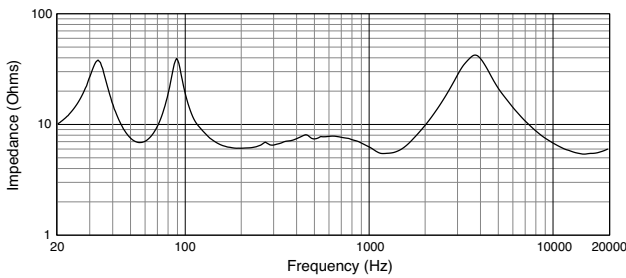
Directivity Index



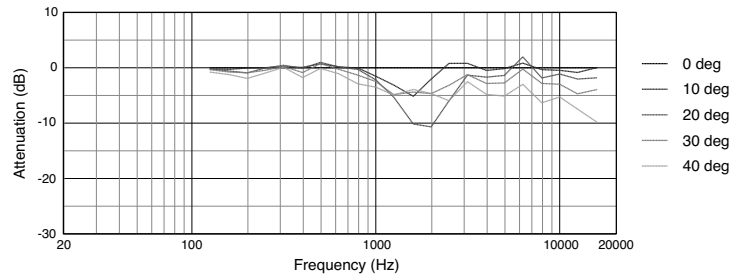
Horizontal Right Off-Axis Frequency Response



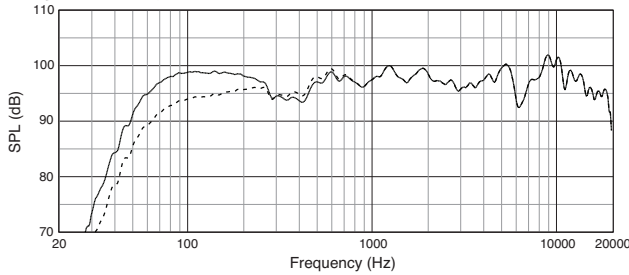
Impedance



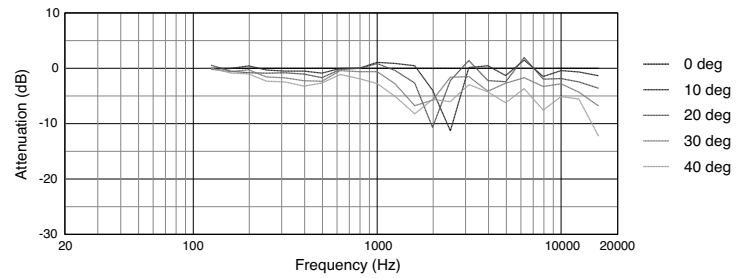
Vertical Up Off-Axis Frequency Response



Frequency Response, 1W/1M



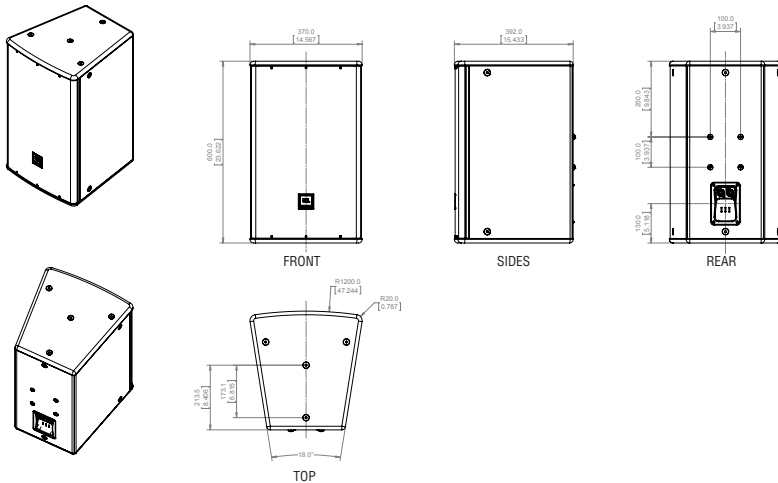
Vertical Down Off-Axis Frequency Response



— AC299 Impedance 2.83 and 8.94V 20-20k.txt  
 — AC299Z.FRQ  
 - - - AC299 (Spliced at 385Hz)  
 — 4PI->2PI-1 (.37m)

## Dimensions:

Dimensions in mm (inch)



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AC299  
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