Key Features:
- Robust 15mm enclosure with black textured finish
- 384 mm (15 in) LF transducer
- 60° x 60° 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

AC566 is a compact 2-way full-range loudspeaker system comprised of one 384 mm (15 in) low frequency driver and one 25 mm (1 in) exit/35 mm (1.5 in) voice-coil compression driver. The horn provides 60° by 60° coverage in vertical and horizontal orientation. High-slope passive crossovers minimize band overlap and well-controlled off-axis 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.

AC566 is part of JBL’s AE Application Engineered Series, a versatile family of loudspeakers for a wide variety of fixed installation applications.

Specifications:

System:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range (ITC):</td>
<td>60 Hz - 20 kHz</td>
</tr>
<tr>
<td>Frequency Response (±3 dB):</td>
<td>75 Hz - 18kHz</td>
</tr>
<tr>
<td>System Sensitivity (1w @ 1m):</td>
<td>98 dB</td>
</tr>
<tr>
<td>Nominal Impedance:</td>
<td>8 ohms</td>
</tr>
<tr>
<td>Maximum SPL (1m):</td>
<td>122 dB (128 dB peak)</td>
</tr>
<tr>
<td>Coverage Pattern:</td>
<td>60° x 60° (H x V)</td>
</tr>
<tr>
<td>Crossover:</td>
<td>1.5 kHz</td>
</tr>
</tbody>
</table>

Transducers:

- Low frequency driver: 1 x 15” woofer [P/N: 5053935], 384 mm (15 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:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Connector:</td>
<td>Dual Neutrik NL4MP connectors plus covered barrier trip terminals</td>
</tr>
<tr>
<td>Enclosure:</td>
<td>15 mm multi-ply hardwood plywood</td>
</tr>
<tr>
<td>Grille:</td>
<td>Powder coated, 1.5mm perforated steel, with acoustically transparent black foam backing</td>
</tr>
<tr>
<td>Finish:</td>
<td>Textured black paint finish. White (-WH) available upon request. Not available with WRC &amp; WRX finish.</td>
</tr>
<tr>
<td>Suspension / Mounting:</td>
<td>14 x M10 and 4 x M10 for Wall Mount Bracket. Optional U-bracket, overhead suspension bracket, and wall-mount bracket</td>
</tr>
<tr>
<td>Dimensions (H x W x D):</td>
<td>680 mm x 420 mm x 445 mm 26.7 in x 16.5 in x 17.5 in</td>
</tr>
<tr>
<td>Net Weight:</td>
<td>19.8 kg (43.6lbs)</td>
</tr>
</tbody>
</table>

1 Full space (4π) conditions
2 Calculated maximum SPL based on rated power handling
3 IEC shaped pink noise with 6dB CF for 100hrs
4 AES standard, one decade pink noise with 6dB crest factor within device’s operational band, free air. Standard AES 2 hr rating plus long-term 100 hr rating are specified for low-frequency transducers.
AC566 2-Way Full-Range Loudspeaker System with 1 x 15” 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

Dimensions:
Dimensions in mm (inch)

2Pi  ---  4Pi

JBL Professional
8500 Balboa Boulevard, P.O. Box 2200
Northridge, California 91329 U.S.A.

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