Elevate 7 In-Ceiling

Performance

Placement
Walls and ceilings. Model Elevate 7 is weather-resistant, and can be placed in marine environments.

Maximum Output
107dB each, with 80 watts of amplification.

Room Size
Up to 3,000 ft²

Close-Miked Near-Field Response (-3dB)
51-22,000 Hz

6dB Downpoint
48 Hz

Nominal Coverage Angle (-6dB from Reference Axis)
160° Radial

Sensitivity [1 watt (2.83v) at 1m]
88dB

Nominal Impedance
8 ohms

Driver
170mm CoLinear aluminum driver with 1" voice coil.

Connections
Molex pigtail supplied

Construction
Metallized plastic frame, Slot/Lock® clamping system, marine construction

Grilles
Round and square magnetized thin bezel microperf grilles included

Weight
2.5 lbs each, not including grille

Predictive Placement

SPL
How loud will one speaker play, in dB, with given amplifier power.

<table>
<thead>
<tr>
<th>Amp Power</th>
<th>Distance from ceiling to ear level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3'</td>
</tr>
<tr>
<td>20 watts</td>
<td>102dB</td>
</tr>
<tr>
<td>40 watts</td>
<td>105dB</td>
</tr>
<tr>
<td>80 watts</td>
<td>108dB</td>
</tr>
</tbody>
</table>

Coverage
How wide is the diameter of the coverage pattern, assuming -3dB from reference, as distance increases.

<table>
<thead>
<tr>
<th>Horiz. Measurement</th>
<th>Distance from ceiling to ear level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3'</td>
</tr>
<tr>
<td>Coverage (80°)</td>
<td>5'</td>
</tr>
</tbody>
</table>

Planning Distributed Music Systems
For full coverage in a typical room with 9' ceilings, place one speaker every 8’ apart. Keep the speaker away from side walls by 8’ to maximize coverage.

Adaptors
The following adaptors transform the audio signal for variable installations.

Elevate 70V Adaptor:
Attach for 70V installation at 2w, 4w, 8w or 16w settings.

Elevate Stereo Adaptor:
Connect to Molex to transform a stereo signal to mono input.

Dimensions and Bracket Information

BR68 Rough-in Bracket
Rough-in brackets are designed to “claim the space” during drywalling.