Sonance takes entertainment to a whole new level with a range of purpose-built products that are specifically designed to bring out the best in television, movies, gaming and concerts. From living rooms to dedicated home theater spaces, the complete range of Sonance Surround Sound products deliver an intense and impactful experience to your home.

REFERENCE SPEAKERS
REFERENCE SUBWOOFERS
IMPACT SUBWOOFERS
D8 SUBWOOFER
VISUAL PERFORMANCE SUBWOOFER
**REFERENCE**

Inventing, Leading, and Reinventing is in our DNA and it is with this same philosophy that we redeveloped our Surround Sound line. With a focus on achieving premium performance for architectural surround sound, Sonance has set a new standard with Reference Speakers and Subwoofers.

Reference Speakers and Subwoofers offers up all new driver technology and consistent tonal matching across the line, making it simple to mix and match speaker and subwoofer models in any configuration and still achieve optimized performance.

### REFERENCE IN-WALL SPEAKERS

<table>
<thead>
<tr>
<th>Tweeter</th>
<th>R2 SKU 93346</th>
<th>R2SUR SKU 93347</th>
<th>R1 SKU 93344</th>
<th>RISUR SKU 93345</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber</td>
<td>Two 1” (25mm) Ceramic domes, Ferrofluid-cooled in an acoustic back chamber</td>
<td>1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber</td>
<td>Two 1” (25mm) Ceramic domes, Ferrofluid-cooled in an acoustic back chamber</td>
<td></td>
</tr>
<tr>
<td>Midrange</td>
<td>5 1/4” (133mm) Carbon fiber/Rohacell laminated cone with a rubber surround</td>
<td>Two 3” (76mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>5 1/4” (133mm) Carbon fiber/Rohacell laminated cone with a rubber surround</td>
<td>Two 3” (76mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
</tr>
<tr>
<td>Woofer</td>
<td>Four 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency Response</td>
<td>70Hz - 30kHz ±3dB</td>
<td>70Hz - 30kHz ±3dB</td>
<td>70Hz - 30kHz ±3dB</td>
<td>70Hz - 30kHz ±3dB</td>
</tr>
<tr>
<td>Power Handling</td>
<td>5 watts minimum; 200 watts maximum</td>
<td>5 watts minimum; 150 watts maximum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (WxH)</td>
<td>8 7/8” x 34 7/8” (225mm x 886mm)</td>
<td>8 7/8” x 21 3/4” (225mm x 553mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutout Dimensions (WxH)</td>
<td>7 1/2” x 33 1/2” (191mm x 851mm)</td>
<td>7 1/2” x 20 1/2” (191mm x 521mm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Reference In-Wall Subwoofers

<table>
<thead>
<tr>
<th>Model</th>
<th>SKU</th>
<th>Woofer Details</th>
<th>Frequency Response</th>
<th>Impedance</th>
<th>Sensitivity</th>
<th>Required Enclosure</th>
<th>Required Amplification</th>
<th>Dimensions (WxHxD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R12SUB</td>
<td>93355</td>
<td>12” (305mm) laminated carbon fiber cone with a rubber surround</td>
<td>25Hz - 250Hz ±3dB</td>
<td>8 ohms</td>
<td>88dB (2.83V/1 meter)</td>
<td>R12SUB ENC acoustic enclosure (sold separately)</td>
<td>Sonance DSP2-150 or Sonance DSP8-130 MKII (using two channels bridged)</td>
<td>12 3/8” x 12 3/8” x 3 5/32” (314mm x 314mm x 80mm)</td>
</tr>
<tr>
<td>R10SUB</td>
<td>93354</td>
<td>10” (254mm) laminated carbon fiber cone with a rubber surround</td>
<td>30Hz - 250Hz ±3dB</td>
<td>8 ohms</td>
<td>88dB (2.83V/1 meter)</td>
<td>R10SUB ENC acoustic enclosure (sold separately)</td>
<td>Sonance DSP2-150 or Sonance DSP8-130 MKII (using two channels bridged)</td>
<td>10 7/16” x 10 7/16” x 3 5/32” (265mm x 265mm x 80mm)</td>
</tr>
</tbody>
</table>

## Reference In-Ceiling Speakers

<table>
<thead>
<tr>
<th>Model</th>
<th>SKU</th>
<th>tweeter Details</th>
<th>Midrange Details</th>
<th>woofer Details</th>
<th>Frequency Response</th>
<th>Power Handling</th>
<th>Dimensions (WxHxD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1C</td>
<td>93351</td>
<td>1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>70Hz - 30kHz ±3dB</td>
<td>5 watts minimum; 150 watts maximum</td>
<td>13 25/32” x 13 25/32” x 7 9/16” (350mm x 350mm x 192mm)</td>
</tr>
<tr>
<td>R1CST</td>
<td>93352</td>
<td>Two 1” (25mm) Ceramic domes, Ferrofluid-cooled in an acoustic back chamber</td>
<td>Two 3” (76mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>70Hz - 30kHz ±3dB</td>
<td>5 watts minimum; 150 watts maximum</td>
<td>13 25/32” x 13 25/32” x 7 9/16” (350mm x 350mm x 192mm)</td>
</tr>
</tbody>
</table>

## Reference Lcr Cabinet

<table>
<thead>
<tr>
<th>Model</th>
<th>SKU</th>
<th>tweeter Details</th>
<th>Midrange Details</th>
<th>woofer Details</th>
<th>Frequency Response</th>
<th>Impedance</th>
<th>Power Handling</th>
<th>Sensitivity</th>
<th>Dimensions (WxHxD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RICAB</td>
<td>93348</td>
<td>1” (25mm) Ceramic dome, Ferrofluid-cooled in an acoustic back chamber</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>Two 5 1/4” (133mm) Carbon fiber/Rohacell laminated cones with rubber surrounds</td>
<td>70Hz - 30kHz ±3dB</td>
<td>8 ohms</td>
<td>5 watts minimum; 150 watts maximum</td>
<td>90dB SPL (2.83V/1 meter)</td>
<td>7 1/2” x 22” x 9 1/16” (191mm x 559mm x 230mm)</td>
</tr>
</tbody>
</table>
**VISUAL PERFORMANCE**

Designed to fit any new construction or retrofit application, the VPSUB delivers cabinet-level performance in a discreet form factor.

### VPSUB SKU 93353

- **Woofer:** 10” (254mm) laminated glass fiber cone with a rubber surround
- **Frequency Response:** 34Hz - 250Hz ±3dB
- **Impedance:** 8 ohms nominal
- **Sensitivity:** 90dB SPL (2.83v/1 meter)
- **Required Amplification:** Sonance DSP2-150 or Sonance DSP8-130MKII (using two channels bridged)
- **Dimensions (WxHxD):** 15” x 15” x 3 7/8 (381mm x 381mm x 98mm)

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**IMPACT**

Sonance Impact Subwoofers offer exceptional performance, wireless connectivity and app-driven room correction, optimizing placement of the subwoofer anywhere in the room. *Compatible with SONARC configuration app.

### D8 SKU 93359 (BLK) SKU 93374 (WHT)

- **Woofer:** Two square 8” (203mm) ultra long throw, glass fiber cone, rubber surround
- **Frequency Response:** 32Hz - 250Hz ±3dB
- **Output Power:** 300 watts RMS (600 watts peak)
- **Inputs:** Line-level, speaker-level and low latency wireless
- **Controls:** Crossover, phase and bypass
- **Dimensions (WxHxD):** 7.5” x 7.5” x 9” (191mm x 191mm x 229mm)

### i12 SKU 93358

- **Woofer:** 12” (305mm) ultra long throw, glass fiber cone, rubber surround
- **Frequency Response:** 22Hz - 250Hz ±3dB
- **Power Output:** 400 watts RMS (800 watts peak)
- **Inputs:** Line-level, speaker-level and low latency wireless
- **Controls:** Crossover, phase and bypass
- **Dimensions (WxHxD):** 16” x 18” x 16” (407mm x 457mm x 407mm)

### i10 SKU 93357

- **Woofer:** 10” (254mm) ultra long throw, glass fiber cone, rubber surround
- **Frequency Response:** 24Hz - 250Hz ±3dB
- **Power Output:** 300 watts RMS (600 watts peak)
- **Inputs:** Line-level, speaker-level and low latency wireless
- **Controls:** Crossover, phase and bypass
- **Dimensions (WxHxD):** 14” x 16” x 14” (356mm x 407mm x 356mm)

### i8 SKU 93356

- **Woofer:** 8” (203mm) ultra long throw, glass fiber cone, rubber surround
- **Frequency Response:** 30Hz - 250Hz ±3dB
- **Power Output:** 200 watts RMS (400 watts peak)
- **Inputs:** Line-level, speaker-level and low latency wireless
- **Controls:** Crossover, phase and bypass
- **Dimensions (WxHxD):** 12” x 14” x 12” (305mm x 356mm x 305mm)

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**SONARC APP**

Sonance Automatic Room Correction (SONARC) is an app-based configuration tool engineered to ensure each subwoofer is perfectly tuned for any room. The software includes 16 variable bands of automatic parametric equalization.