Sonance Professional Series
The “Sonance 1” - the world’s first architectural in-wall loudspeaker

Why

Sonance?
We believe that loudspeakers should enhance the ambiance of a space by delivering exceptional sound quality without compromising the design cues.
Sonance Professional Series brings this philosophy to the commercial audio industry with a whole new standard for performance, aesthetics and value for money.

Introducing ... Sonance Professional Series
Sonance Professional Series includes a range of In-Ceiling, Pendant and Surface Mount Speakers that provide a clean and minimalistic appearance, unequalled fidelity, extremely low distortion and exceptional off-axis performance. The range also enjoys consistent voicing, ensuring seamless sonic integration when used together within the same space.

- Best-in-class sonic performance
- 70V/100V/8 Ohm Selectable
- Full-fidelity transformer
- Consistent voicing across range
- Clean and minimalistic aesthetic
- Simplified installation processes
- Certified for commercial projects
- Engineered for reliability
The Sonance Professional Series In-Ceiling Speakers feature a one-piece bezel-less grille that is magnetically secured and allows for a one-step painting process to simplify installation and minimize visual distraction.

The optional Square Grille Adapter allows speakers to match the aesthetic of square downlights and Hi-Fi grille covers to achieve continuous sight lines.

A high-exursion polypropylene woofer delivers effortless low bass extension, while the pivoting chambered 1” soft dome tweeter can be angled to ensure accurate coverage.

A full-fidelity transformer ensures uncompromised sonic performance in 70V/100V mode, while heavy-duty voice coils ensure longevity and reliability at high volumes.

Sealed metal enclosures, integrated cable and conduit clamping, seismic attachment, connector cover and cable loop-through meet UL 1480 and UL 2043. Available in 4”, 6.5” and 8” 2-Way and an 8” woofer, shipped with white grille (paintable).

Optional black grille. Optional square adapter available with either black or white grilles (paintable).

### Specifications

#### PS-S43T
- **Frequency Range:** 75Hz - 20kHz
- **Sensitivity:** 87dB
- **Power Handling RMS:** 30W, 15W, 7.5W, (3.8W 70V)
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-P43T
- **Frequency Range:** 75Hz - 20kHz
- **Sensitivity:** 88dB
- **Power Handling RMS:** 150W program, 75W pink noise
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-S63T
- **Frequency Range:** 55Hz - 20kHz
- **Sensitivity:** 89dB
- **Power Handling RMS:** 300W program, 150W pink noise
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-P83T
- **Frequency Range:** 50Hz - 150Hz
- **Sensitivity:** 89dB
- **Power Handling RMS:** 300W program, 150W pink noise
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-C43RT
- **Frequency Range:** 75Hz - 20kHz
- **Sensitivity:** 87dB
- **Power Handling RMS:** 60W, 30W, 15W, (7.5W 70V)
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-C63RT
- **Frequency Range:** 65Hz - 20kHz
- **Sensitivity:** 91dB
- **Power Handling RMS:** 120W program, 60W pink noise
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

#### PS-C83RWT
- **Frequency Range:** 50Hz - 150Hz
- **Sensitivity:** 89dB
- **Power Handling RMS:** 300W program, 150W pink noise
- **Impedance:** 8 ohms selectable
- **Included Accessories:** C-rings, tile rails, cutout template, grille

### Accessories
- Optional Black Grille
- Optional Square Adapter with black or white grilles, provides aesthetic to match lighting and decor.
Sonance Professional Series Pendant Speakers utilize a minimalist design similar to pendant lighting to blend discreetly into the environment. The one-piece grille is the same as the in-ceiling speakers to deliver consistent sight lines when installed in the same space. A full-fidelity transformer ensures uncompromised sonic performance in 70V/100V mode; while heavy-duty voice coils ensure longevity and reliability at high volumes.

The integrated top cover hides the mounting hardware and wiring connector; while the supplied 15.4' (5m) suspension and safety cable with integrated spring clip and Gripper® Hangers, ensure a fast and secure installation first time, every time.

A high excursion polypropylene woofer delivers effortless low bass extension, even at high volumes, while the pivoting chambered 1” soft dome tweeter can be directed to ensure accurate coverage, when speaker positioning is compromised. Available in 4”, 6.5” and 8” 2-Way and an 8” woofer in either black or while (paintable).
Sonance Professional Series Surface-Mount Speakers feature Sonance’s Fast-Mount bracket and front cable connection to speed up the installation process and provide a minimalist appearance.

A full-featured transformer ensures uncompromised sonic performance in 70V/100V mode, while the heavy duty voicecoils ensure longevity and reliability at high volumes.

A high-waveness polypropylene woofer delivers effortless low bass extension, even at high volumes, while the 1” chambered soft dome tweeter ensures extended tweeter performance.

The weatherproof high-impact, extreme temperature-resistant construction and powder coated aluminum grilles allow them to be used in either indoor or outdoor applications.

Available in 4”, 5.25” 6.5” and 8” 2-Way and an 8” woofer in either black or white (paintable).

<table>
<thead>
<tr>
<th>Tweeter</th>
<th>Frequency Range +/-3 dB</th>
<th>Impedance</th>
<th>Taps</th>
<th>Sensitivity</th>
<th>Power Handling RMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” cloth dome, pivoting</td>
<td>75Hz - 20kHz</td>
<td>8 ohms selectable</td>
<td>30W, 15W, 7.5W, (3.8W 70V)</td>
<td>87dB</td>
<td>60W, 30W, 15W, (7.5W 70V)</td>
</tr>
<tr>
<td>1” silk dome, pivoting</td>
<td>65Hz - 20kHz</td>
<td>8 ohms selectable</td>
<td>40W, 20W, 10W, (3.8W 70V)</td>
<td>89dB</td>
<td>120W, 60W, 30W, (15W 70V)</td>
</tr>
<tr>
<td>C-rings, tile rails, cutout template, grille</td>
<td>1” Soft Dome Chambered Tweeter</td>
<td>Heavy Duty Voice Coil</td>
<td>FastMount Bracket System</td>
<td>Powder-coated Aluminum Grille</td>
<td>Front-Mounted Connector with Cover</td>
</tr>
</tbody>
</table>
Sonance award-winning Invisible Series Speakers are used exclusively in luxury retail boutiques around the world, including Louis Vuitton, Prada, Fendi, Gucci and Muji. The IS4 C incorporates a polypropylene diaphragm that provides distinct woofer, misrange and tweeter radiation areas to ensure superior-quality sound in foreground music, public address and paging applications. The IS4 C delivers sonic performance that is comparable to high-end traditional in-wall and in-ceiling speakers.

Sonance Invisible Series features best-in-class 170˚ dispersion, allowing larger areas to be covered with fewer speakers. This makes the IS4 C a more cost-effective solution over larger projects, while also providing a seamless audio experience when transitioning from one space to another. The integrated enclosure minimizes sound spill to adjoining rooms, while the selectable voltage taps adjust the volume at each speaker, ensuring the perfect level is achieved at every location.

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Sonance Invisible Series is regarded by many as the world’s best outdoor audio system. Strategically-placed satellite speakers (that mimic the aesthetic of landscape lighting and subwoofers that encompass the perimeter of the property directing the sound towards the listening areas. The result is breathtaking performance and a perfect blanket of immersive sound. The additional benefit is that the music is contained in the areas where it’s wanted and not spilling-out to disturb adjoining properties.

Sonance Landscape Series utilizes 10” or 12” below-ground or 10” hardsub woofers to deliver smooth and powerful bass response throughout an entire garden. The result is evenly distributed, audiophile sound quality that fills the entire space with depth and detail.
Sonance DSP amplifiers feature SONARC (Sonance Advanced Room Correction), which offers hundreds of EQ presets designed specifically for Sonance speakers available through simple pull down menus. These presets enable effortless DSP without the need for additional hardware, software, and more importantly time. Additionally, should there be a need for further customization, SONARC provides a 10-band parametric EQ to optimize sonic performance in any space.

Sonance DSP Amplifiers are engineered to be smaller yet more powerful than previous Sonamp models. The resulting power density allows for 130W or 150W in a mere 1U rack space while maintaining an industry-leading 91% energy efficiency.

At the core of every DSP amplifier is a powerful 24 bit/96K DAC, capable of handling a full 4608 Kbps of audio data. Most amplifiers have processing limitations that constrain the audio output, and limit the maximum amount of pass through information to 1411 Kbps which compromises the quality of the listening experience.

The optional Digital Input Module (DIM) is the ultimate performance enhancement to any Sonance DSP amplifier, allowing for high resolution playback of up to 24 bit/96 kHz audio content.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Channels</th>
<th>Output Power - 8 ohms</th>
<th>Output Power - 4 ohms</th>
<th>Output Power Bridged</th>
<th>Frequency Response</th>
<th>Operating Voltage</th>
<th>Rack Space Requirement</th>
<th>Dimensions w/ Feet (HxWxD)</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>70V Model</td>
<td>2 (1 stereo pair)</td>
<td>750 Watts RMS per channel</td>
<td>224 Watts RMS per channel</td>
<td>300 Watts (8 ohms)</td>
<td>5Hz–50kHz</td>
<td>100–120V@60Hz, 220-240V@50Hz</td>
<td>1U</td>
<td>17.25&quot; x 2.125&quot; x 16.8125&quot; (438mm x 54mm x 427mm)</td>
<td>18 lbs (8.2kg)</td>
</tr>
<tr>
<td>DSP 2-150</td>
<td>8 (4 stereo pairs)</td>
<td>130 Watts RMS per channel</td>
<td>145 Watts RMS per channel</td>
<td>300 Watts x 4 (8 ohms)</td>
<td>5Hz–50kHz</td>
<td>100–120V@60Hz, 220-240V@50Hz</td>
<td>1U</td>
<td>17.25&quot; x 3.75&quot; x 17.21875&quot; (438mm x 98mm x 437mm)</td>
<td>23.3 lbs (10.6kg)</td>
</tr>
<tr>
<td>DSP 2-750</td>
<td>2 (1 stereo pair)</td>
<td>500 Watts RMS per channel</td>
<td>750 Watts RMS per channel</td>
<td>2,000 Watts (8 ohms)</td>
<td>5Hz–50kHz</td>
<td>100–120V@60Hz, 220-240V@50Hz</td>
<td>2U</td>
<td>17.25&quot; x 3.75&quot; x 17.21875&quot; (438mm x 98mm x 437mm)</td>
<td>23.3 lbs (10.6kg)</td>
</tr>
</tbody>
</table>

### Optional Accessories

- **Adjustable-width Soundbar**
  - Adjusts to complement various display widths: 50”, 60”, 70”, 80”.
  - 3-way design for exceptional clarity and channel separation.
  - Includes all-necessary hardware to mount to the bottom of a display bracket, to hang on the wall, or to simply sit on a tabletop.

- **In-wall Subwoofers**
  - Enables even small rooms to have the dedicated surround sound theater experience.
  - Provides a consistent aesthetic with other Visual Performance Series speakers.
  - State-of-the-art design and cutting-edge materials deliver the bass of a large cabinet subwoofer without sacrificing floor space.

- **SONARRAY**
  - Great entry level outdoor system for smaller areas up to 2500 sq. ft. (185 sq. m.).
  - Bundled solutions featuring 8 satellite speakers plus 1 boxed subwoofer and optional DSP amplifier.
  - Additional subwoofer also available.
  - Low impedance system can be powered off a standard 2-channel power amplifier.

- **Visual Performance Cinema**
  - Purpose built for high end theater applications.
  - Integrated cabinets for sound optimization and containment.
  - Angled in-ceiling speakers create the illusion of sound coming from the display.
LaunchPort

· A portable solution that holds, charges, and protects the iPad.
· Wall or table charging stations available with magnetic mounting.
· Inductive charging reduces wires and clutter.

LaunchPort with Buttons

· All LaunchPort features plus:
· Programmable Buttons provide instant access to simple functions via Lutron Clear Connect® while the iPad is on or off.

Surface Mount

· Elegantly integrate iPad on nearly any surface.
· Simple installation using any wallbox.
· Flexible power options via PoE or low voltage.

Surface Mount with Buttons

· All Surface Mount features plus:
· Programmable backlit Buttons provide instant access to simple functions via IP while the iPad is on or off.
· Delivers precision alignment and a consistent aesthetic across a variety of devices from different manufacturers.

· Patented installation process allows for a repeatable, high-quality across multiple technologies and in a variety of installation surfaces (drywall, plaster, wood, stone, etc.).

· TRUFIG fascias can be painted, faux finished, wallpapered or laminated for complete camouflage.