# SONANCE
## PROFESSIONAL SERIES

## IN-CEILING SPEAKERS | PENDANT SPEAKERS | SURFACE MOUNT SPEAKERS

### ABOUT SONANCE PROFESSIONAL SERIES

Sonance Professional Series has become a game-changer for commercial audio, delivering clean aesthetics, excellent sonic performance, and consistent tonality across its form factors. Available in in-ceiling, pendant, and surface mount speakers, Sonance Professional Series speakers are perfect for boardrooms, retail, hotels, restaurants, houses of worship, education, gyms, casinos, car dealerships, or anywhere requiring a high quality 70V/100V loudspeaker.
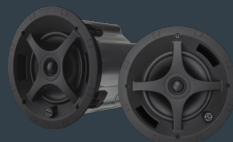
The In-Ceiling Speakers feature a one-piece bezel-less grille that is magnetically secured and allows for a one-step painting process to simplify installation and minimize visual distraction. The optional square adapter allows the speakers to match the aesthetic of downlights and HVAC grilles. The sealed metal enclosure incorporates cable and conduit clamping, side knock-out, seismic attachment and a swing-door connecter cover. UL 1480 and UL 2043 certified. Available in 4", 6.5" and 8" 2-Way and 8" Woofer - all shipped with a white grille. Optional black grille and square adapter with white or black grille are also available.

The Pendant Speakers utilize a minimalistic design similar to pendant lighting to blend discreetly into the environment and take advantage of the same one-piece grille design as the In-Ceiling Speakers to deliver consistent sight lines when installed in the same space. The unique integrated top cover hides the hanging hardware and wiring connector. UL 1480 and UL 2239 certified. Available in 4", 6.5" and 8" 2-Way and 8" Woofer in either black or white (paintable).

The Surface-Mount Speakers feature Sonance's patented FastMount™ bracket and front cable connection to speed up the installation process and provide a clean appearance. The weather, impact, and extreme temperature resistant construction and powder coated aluminum grille allow them to be used in either indoor or outdoor applications. UL 1480 certified, IPX4, MIL-STD-810, and UV IEC 529. Available in 4", 5.25", 6.5" and 8" 2-Way and 8" Woofer in either black or white (paintable).

| PENDANT | IN-CEILING | SURFACE MOUNT |

# SONANCE

## ENGINEERED FOR EXCELLENCE

Sonance Professional Series has been engineered with a level of attention to detail and focus on performance and reliability that is not typically seen in the commercial audio industry.

- Full-fidelity transformer for uncompromised 70V/100V tonality
- Heavy-duty voice coil for longevity and reliability at high power
- High-excursion polypropylene woofer for extended and effortless bass response
-  Chambered 1" soft dome tweeter for accurate high-end detail
- Pivoting tweeter* to allow treble to be directed to achieve optimum sound stage
- Exceptional off-axis response for superior coverage with less speakers
- Consistent voicing across categories to achieve constant tonality if combined in a space
- Developed using cutting-edge design and testing software to achieve:
    - Significantly reduced distortion          - Higher power handling          - Consistent tonality across all volume levels

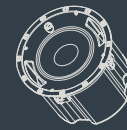*In-Ceiling and Pendant

## IN-CEILING

|  | PS-C43RT | PS-C63RT | PS-C83RT | PS-C83RWT |
|---|---|---|---|---|
| Tweeter | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting | N/A |
| Woofer | 4" (100mm) poly cone, rubber surround | 6.5" (165mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround |
| Frequency Range +/-3dB | 75Hz - 20kHz | 65Hz - 20kHz | 55Hz - 20kHz | 50Hz - 150Hz |
| Power Handling RMS | 60W program, 30W pink noise | 120W program, 60W pink noise | 160W program, 80W pink noise | 300W program, 150W pink noise |
| Sensitivity | 87dB | 91dB | 91dB | 89dB |
| Transformer Tabs | 30W, 15W, 7.5W, (3.8W 70V) 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 120W, 60W, 30W, (15W 70V), 8 Ohm |
| Impedance | 8 Ohm nominal | 8 Ohms nominal | 8 Ohms nominal | 8 Ohms nominal |
| Termination | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector |
| Included Accessories | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille |
| Dimensions | 6.3" X 7.01" (160mm x 178mm) | 9.13" X 8.86" (232mm x 225mm) | 11.06"x9.84" (281mm x 250mm) | 11.06"x9.84" (281mm x 250mm) |
| Cut out diameter | 5.875" (149mm) | 8.25" (210mm) | 10.125" (257mm) | 10.125" (257mm) |
| Standards Compliance | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 |

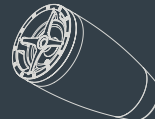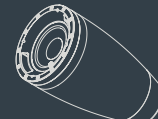|  | PS-C41RT | PS-C61RT | PS-C43RTLP (LOW PROFILE) | PS-C63RTLP (LOW PROFILE) |
|---|---|---|---|---|
| Tweeter | .75" (19mm) cloth dome | .75" (19mm) cloth dome | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting |
| Woofer | 4" (165mm) poly cone, rubber surround | 6.5" (203mm) poly cone, rubber surround | 4" (100mm) poly cone, rubber surround | 6.5" (165mm) poly cone, rubber surround |
| Frequency Range +/-3dB | 95Hz - 20kHz | 83Hz - 20kHz | 75Hz - 20kHz | 65Hz - 20kHz |
| Power Handling RMS | 60W program, 30W pink noise | 100W program, 50W pink noise | 60W program, 30W pink noise | 120W program, 60W pink noise |
| Sensitivity | 87dB | 91dB | 87dB | 91dB |
| Transformer Tabs | 25W, 12.5W, 6.25W, (3.125W 70V), 8 Ohm | 32W, 16W, 8W, (4W 70V), 8 Ohm | 30W, 15W, 7.5W, (3.8W 70V) 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm |
| Impedance | 8 Ohms nominal | 8 Ohms nominal | 8 Ohms nominal | 8 Ohms nominal |
| Termination | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector |
| Included Accessories | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille | C-rings, tile rails, cutout template, grille |
| Dimensions | 6.3" X 6.5" (160mm x 165mm) | 9.13" X 8.86" (232mm x 225mm) | 9.13" X 3.43" (232mm x 87mm) | 11.06" x 4.37" (281mm x 111mm) |
| Cut out diameter | 5.875" (149mm) | 8.25" (210mm) | 8.25" (210mm) | 10.125" (257mm) |
| Standards Compliance | UL 1480, UL 2043, NFPA90 & NFPA70; S7232, EN54-24 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232, EN54-24 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 | UL 1480, UL 2043, NFPA90 & NFPA70; S7232 |

## PENDANT



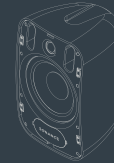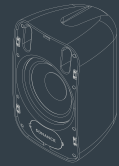| | PS-P43T | PS-P63T | PS-P83T | PS-P83WT |
|---|---|---|---|---|
| Tweeter | 1" (25mm) silk dome, pivoting | 1" (25mm) silk dome, pivoting | 1" (25mm) silk dome, pivoting | N/A |
| Woofer | 4" (100mm) poly cone, rubber surround | 6.5" (165mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround |
| Frequency Range +/-3dB | 75Hz - 20kHz | 65Hz - 20kHz | 55Hz - 20kHz | 50Hz - 125Hz |
| Power Handling RMS | 60W program, 30W pink noise | 150W program, 75W pink noise | 200W program, 100W pink noise | 300W program, 150W pink noise |
| Sensitivity | 87dB | 88dB | 90dB | 89dB |
| Transformer Tabs | 30W, 15W, 7.5W, (3.8W 70V) 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 120W, 60W, 30W, (15W 70V), 8 Ohm |
| Impedance | 8 Ohms selectable | 8 Ohms selectable | 8 Ohms selectable | 8 Ohms selectable |
| Termination | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector | Removable locking clip-in connector |
| Attachment | One point, top surface | One point, top surface | One point, top surface | One point, top surface |
| Included Accessories | 2 x suspension cable, Gripple connector, zip ties | 2 x suspension cable, Gripple connector, zip ties | 2 x suspension cable, Gripple connector, zip ties | 2 x suspension cable, Gripple connector, zip ties |
| Dimensions WxD | 6.3" x 11" (160mm x 280mm) | 9.13" x 15.6" (232mm x 396mm) | 11.06" x 19.7" (281mm x 500mm) | 11.06" x 19.7" (281mm x 500mm) |
| Standards Compliance | UL 1480, UL 2239 | UL 1480, UL 2239 | UL 1480, UL 2239 | UL 1480, UL 2239 |

## SURFACE MOUNT



| | PS-S43T MKII | PS-S53T MKII | PS-S63T MKII | PS-S83T MKII | PS-S83WT MKII |
|---|---|---|---|---|---|
| Tweeter | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting | 1" (25mm) cloth dome, pivoting | N/A |
| Woofer | 4" (100mm) poly cone, rubber surround | 5.25" (130mm) poly cone, rubber surround | 6.5" (165mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround | 8" (203mm) poly cone, rubber surround |
| Frequency Range +/-3dB | 75Hz - 20kHz | 70Hz - 20kHz | 65Hz - 20kHz | 55Hz - 20Hz | 50Hz - 150kHz |
| Power Handling RMS | 60W program, 30W pink noise | 90W program, 45W pink noise | 120W program, 60W pink noise | 160W program, 80W pink noise | 200W program, 125W pink noise |
| Sensitivity | 87dB | 88dB | 88dB | 90dB | 89dB |
| Transformer Tabs | 30W, 15W, 7.5W, (3.8W 70V) 8 Ohm | 30W, 15W, 7.5W, (3.8W 70V) 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 60W, 30W, 15W, (7.5W 70V), 8 Ohm | 120W, 60W, 30W, (15W 70V), 8 Ohm |
| Impedance | 8 Ohms selectable | 8 Ohms selectable | 8 Ohms selectable | 8 Ohms selectable | 8 Ohms selectable |
| Termination | Front locking clip-in connector | Front locking clip-in connector | Front locking clip-in connector | Front locking clip-in connector | Front locking clip-in connector |
| Attachment | FastMount Adjustable Bracket | FastMount Adjustable Bracket | FastMount Adjustable Bracket | FastMount Adjustable Bracket | FastMount Adjustable Bracket |
| Dimensions (WxHxD) | 5.47" x 9.25" x 4.8" (139mm x 235mm x 122mm) | 6.36" x 10.08" x 5.68" (162mm x 256mm x 144mm) | 7.51" x 12.14" x 6.86" (191mm x 309mm x 174mm) | 9.01" x 14.02" x 8.58" (229mm x 356mm x 218mm) | 9.01" x 14.02" x 8.58" (229mm x 356mm x 218mm) |
| Standards Compliance | UL 1480, UL2239, IPX4 | UL 1480, UL2239, IPX4 | UL 1480, UL2239, IPX4 | UL 1480, UL2239, IPX4 | UL 1480, UL2239, IPX4 |

# SONANCE

For the latest Sonance product specification information visit our website: www.sonance.com
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