

SONANCE
CINEMA SERIES



SONANCE CINEMA SERIES SPEAKERS DELIVERING UNCOMPROMISING PERFORMANCE WITH UNMATCHED STYLE

Sonance Cinema® Series speakers ensure nothing is lost when films are experienced beyond the multiplex, extending our legendary audio performance to home theaters of every size. Our creative blend of left-center-right (LCR), surround, and subwoofer technology reproduces music, sound effects, and dialog with stunning clarity and impact.

Room layout and space considerations are easily accommodated with a choice of Sonance Cinema Series Cabinet, In-Wall, or In-Ceiling speakers. Because the speakers are identically voiced, performance levels and speaker models can be combined in the same room, providing the ultimate home theater experience.

And Sonance Cinema Series speakers are as pleasing to the eye as they are to the ear. Our unique micro-trim grilles, featuring just 0.2 inches of trim, attach magnetically to in-wall and in-ceiling speakers and can be painted in a single step to match surrounding surfaces.

More than 25 years after Sonance invented the in-wall speaker, we continue to set new standards for both acoustic performance and aesthetic design.



CINEMA SERIES IN-CEILING



Innovative Products for Every Home Theater Environment



LCR1S



LCR1



Cabinet LCR1

The Sonance Cinema Series Cabinet, In-Wall, and In-Ceiling speakers provide complete design flexibility. The series is tonally matched so you can choose from any installation style, or mix and match, without affecting the reference clarity or realism even in the largest home theaters.

Unique Advantages, Inside and Out

Sonance Cinema Series speakers stand apart from the crowd. Even a casual glance reveals an unrivaled degree of fit and finish. But the distinctions don’t end there. Our technologically advanced design and superior quality of materials ensure a level of performance that will satisfy the most demanding listeners.

Micro-Trim Grille Design

Sonance Cinema Series In-Wall and In-Ceiling speakers feature Sonance Visual Performance® grilles. They blend beautifully into the home theater, eliminating the large trim and stark grilles that otherwise might draw unwanted attention from the design of the room—not to mention the movie.

Integrated MDF Enclosure

All Sonance Cinema Series speakers feature an integrated sealed enclosure made from 1/2" thick, non-resonant MDF, which minimizes sonic colorations that can rob film soundtracks of clarity and impact. The enclosure’s density also prevents sound transmissions from leaking into adjacent rooms.

Laminated Cones

The midrange and woofer drivers both have cones featuring a laminate of carbon fiber and Rohacell®. These two materials create a cone that is very light, non-resonant, and extremely stiff. Due to the cone density, sound trapped inside the enclosure will not penetrate the cone and color the sound, another common pitfall of conventional speaker design.

Dual and Quad Woofers

The dual or quad woofers set a new standard for bass performance. Dips in frequency response are minimized because the woofers are at varying distances from the reflective wall surfaces, resulting in less than 3dB of cancellation. Combined with the performance advantages of coaxial drivers, Cinema Series speakers produce the highest degree of sonic accuracy and very low sensitivity to room placement.

Discrete Crossover Boards

The Sonance Cinema Series features discrete PC boards for the woofer crossover components and a second PC board for the midrange and tweeter components. The separation of the PC boards minimizes any distortion caused by interaction between the inductors used in the crossover circuits, a problem that commonly plagues conventional home theater systems when played at higher volumes. The separation of the crossover boards maintains the same level of sonic purity at low and high volume levels.

Crossover Components and Double-Sided PC Boards

The highest quality polypropylene capacitors, air core inductors, and laminated iron core resistors are used in every Cinema Series speaker. All components have been chosen for their low dissipation and power compression. Furthermore, our PC boards feature copper plating on both sides for maximum signal transfer. This avoids the problem of circuit resistance found in other home theater speakers that use less expensive one-sided plating.



The Ideal Choice For Any Home Theater

The screen may command attention, but the quality of the sound system is what creates the home theater experience. Sonance Cinema Series offers the range of options needed to ensure astounding acoustics everywhere in the room, while also providing the flexibility to seamlessly complement the overall room design.



LEFT-CENTER-RIGHT SPEAKERS

Sonance Cinema LCR In-Wall, In-Ceiling, and Cabinet speakers have custom-designed drivers, crossovers, and full MDF enclosures that produce dynamic range with startling clarity and realism. The speakers are arrayed symmetrically, allowing them to be positioned vertically or horizontally without compromising performance.

LEFT-CENTER-RIGHT SPEAKERS: Specifications

MODEL	In-Ceiling LCR.5S	Cabinet LCR1, In-Ceiling LCR1S, In-Wall LCR1	In-Wall LCR2
TWEETER	1" (25mm) silk dome, ferrofluid-cooled	1" (25mm) silk dome, ferrofluid cooled	1" (25mm) silk dome, ferrofluid-cooled
MIDRANGE	4" (100mm) polypropylene cone with a rubber surround	4" (100mm) carbon fiber/Rohacell® laminated cone with a rubber surround	4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround
WOOFER	Two 5 1/4" (133mm) polypropylene cones with rubber surrounds	Two 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds	Four 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
FREQUENCY RESPONSE	70Hz – 20kHz ±3dB	70Hz – 20kHz ±3dB	70Hz – 20kHz ±3dB
IMPEDANCE	8 ohms nominal; 6 ohms minimum	6 ohms nominal; 4 ohms minimum	6 ohms nominal; 4 ohms minimum
POWER HANDLING	5 watts minimum; 125 watts maximum	5 watts minimum; 150 watts maximum	5 watts minimum; 200 watts maximum
SENSITIVITY	88dB SPL (2.83V/1 meter)	90dB SPL (2.83V/1 meter)	92dB SPL (2.83V/1 meter)
GRILLE MATERIAL	Perforated steel	Perforated steel	Perforated steel
DIMENSIONS (W x H x D)	13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm)	Cabinet LCR1 6" x 22" x 9 1/16" (153mm x 559mm x 230mm) In-Ceiling LCR1S 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm) In-Wall LCR1 8 7/8" x 21 3/4" x 3 7/8" (225mm x 553mm x 98mm)	8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)
CUTOUT DIMENSIONS (W x H)	12 3/8" x 12 3/8" (314mm x 314mm)	In-Ceiling LCR1S 12 3/8" x 12 3/8" (314mm x 314mm) In-Wall LCR1 7 1/2" x 20 1/2" (191mm x 521mm)	7 1/2" x 33 1/2" (191mm x 851mm)
SHIPPING WEIGHT	13 lbs (6.0kg) each	Cabinet LCR1 25 lbs (11.4kg) each In-Ceiling LCR1S 15 lbs (7.0kg) each In-Wall LCR1 19 lbs (8.6kg) each	29 lbs (13.2kg) each

SURROUND SPEAKERS

Sonance Cinema Surround In-Wall and In-Ceiling speakers complement the performance of the Cinema LCRs for side and rear surround applications. With its custom designed midrange drivers and tweeters, the speakers produce a diffuse sound-field that will envelop the listener, without any localization.

SURROUND SIDE, SURROUND BACK SPEAKERS: Specifications

MODEL	In-Ceiling SUR1S, In-Wall SUR1	In-Wall SUR2
TWEETER	Two 1" (25mm) silk domes, ferrofluid-cooled	Two 1" (25mm) silk domes, ferrofluid-cooled
MIDRANGE	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds	Two 3" (76mm) carbon fiber/Rohacell laminated cones with rubber surrounds
WOOFER	Two 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds	Four 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds
FREQUENCY RESPONSE	70Hz – 20kHz ±3dB	70Hz – 20kHz ±3dB
IMPEDANCE	6 ohms nominal; 4 ohms minimum	6 ohms nominal; 4 ohms minimum
POWER HANDLING	5 watts minimum; 150 watts maximum	5 watts minimum; 200 watts maximum
SENSITIVITY	90dB SPL (2.83V/1 meter)	92dB SPL (2.83V/1 meter)
GRILLE MATERIAL	Perforated steel	Perforated steel
DIMENSIONS (W x H x D)	In-Ceiling SUR1S 13 25/32" x 13 25/32" x 7 9/16" (350mm x 350mm x 192mm) In-Wall SUR1S 8 7/8" x 21 3/4" x 3 7/8" (225mm x 553mm x 98mm)	8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)
CUTOUT DIMENSIONS (W x H)	In-Ceiling SUR1S 12 3/8" x 12 3/8" (314mm x 314mm) In-Wall SUR1S 7 1/2" x 20 1/2" (191mm x 521mm)	7 1/2" x 33 1/2" (191mm x 851mm)
SHIPPING WEIGHT	In-Ceiling SUR1S 15 lbs (7kg) each In-Wall SUR1S 19 lbs (8.6kg) each	29 lbs (13.2kg) each

POWERED SUBWOOFERS

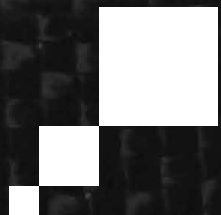
Sonance Cabinet Subwoofers deliver powerful, low-distortion bass in any room. Anodized aluminum woofer cones combine with heavily braced sealed enclosures to deliver room-shaking bass, while keeping cabinet size to a minimum. The front-mounted controls and recessed amplifiers allow these subwoofers to be tucked away under shelves and installed flush to the walls.



SUB 8-100 SUB 10-150 SUB 12-250

CINEMA SUB: Specifications

MODEL	SUB 8-100	SUB 10-150	SUB 12-250
WOOFER	8" (203mm) anodized aluminum cone with a rubber surround	10" (254mm) anodized aluminum cone with a rubber surround	12" (305mm) anodized aluminum cone with a rubber surround
FREQUENCY RESPONSE	35Hz - 250Hz ±3dB	28Hz - 250Hz ±3dB	22Hz - 250Hz ±3dB
AMPLIFIER	100 watts	150 watts	250 watts
INPUTS	Line-level and speaker-level	Line-level and speaker-level	Line-level and speaker-level
OUTPUTS	High-pass filtered line-level and speaker-level	High-pass filtered line-level and speaker-level	High-pass filtered line-level and speaker-level
GRILLE MATERIAL	Black cloth	Black cloth	Black cloth
CABINET FINISH	High-gloss black	High-gloss black	High-gloss black
ADJUSTMENT	Front-accessible level, crossover, phase, and bypass	Front-accessible level, crossover, phase, and bypass	Front-accessible level, crossover, phase, and bypass
DIMENSIONS (W x H x D)	12" x 14" x 12" (305mm x 355mm x 305mm)	14" x 16" x 14" (355mm x 406mm x 355mm)	15" x 18" x 16" (381mm x 457mm x 406mm)
SHIPPING WEIGHT	40 lbs (18kg) each	60 lbs (27kg) each	70 lbs (31.5kg) each



SONANCE®

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