

SONANCE  
CINEMA SERIES



# ADVANTAGE SONANCE CINEMA SERIES SPEAKERS

Sonance Cinema® Series in-wall speakers deliver film soundtracks and music with reference clarity and realism, even in the largest home theater rooms. These all-new home theater speakers combine elegant, modern style with uncompromised in-wall home theater performance. The all new micro-trim grilles, 0.20" of trim, give the Cinema Series a clean, sleek appearance that seamlessly integrates into any designed space. Music, special effects, and dialogue are reproduced perfectly without cluttering your home theater with imposing speaker boxes.



LCR1

LCR2

CINEMA SUB

SUR1

SUR2

The new Cinema LCR is designed to provide outstanding performance in a home theater system while maintaining a slim profile on the wall. The advanced custom-designed drivers, crossover, and full MDF enclosure combine to reproduce a dynamic range of film soundtracks and music with startling clarity and realism.

The Cinema LCR is a symmetrical array, allowing it to be positioned vertically or horizontally without a compromise in performance.

Sonance 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, maximizing installation options.

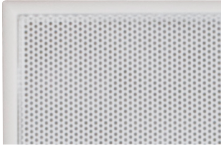
The front-mounted controls and recessed amplifiers allow these subwoofers to be tucked-away under shelves or installed flush with walls.

The Cinema Surround compliments the performance of the Cinema LCR for side and back wall surround applications. With its dual compliment of custom-designed midranges and tweeters, it produces a diffuse soundfield that will envelop the listening area without giving away its location.



# REINVENT SONANCE CINEMA SERIES SPEAKERS

The all-new Cinema Series speakers combine the aesthetic appeal of the award-winning Sonance Visual Performance® Series and the reference-quality sound of Sonance speakers. Sonance Cinema Series speakers transform just about any room into a movie theater. They surround you in sound, capturing every nuance of the romance, the drama, and the action with pristine clarity. The new Sonance Cinema Series speakers are made of top quality high-performance materials which ensure that each speaker will generate perfect sound.



## Micro-trim grille design

The new Sonance Cinema Series speakers feature Visual Performance grilles that effortlessly blend into the home theater - letting you focus on the movie experience and not the speakers.



## Coaxial midrange / tweeter drivers

The new Cinema LCR and SUR speakers feature a unique coaxial midrange/high-frequency driver. The midrange driver features a low-profile cone that does not compromise the performance of the tweeter mounted in its center. This arrangement results in extremely consistent off-axis frequency response that provides the same reference-quality sound to every listener, not just those sitting in the "sweet spot".



## Dual and quad woofers

The new Cinema Series speakers feature two woofers in the LCR1 and SUR1 and four woofers in the LCR2 and SUR2. In a typical installation, using single woofer speaker reflections off the floor and ceiling can cause dips in the frequency response up to 6dB. With a dual woofer speaker, these dips are minimized since the two woofers will be unequal distance from these reflective surfaces. In a dual or quad woofer speaker, 3dB is the maximum amount of cancelation that can occur. This, combined with the coaxial driver, produces a speaker with the highest degree of sonic accuracy and the lowest room placement sensitivity.



## Laminated cones

The midrange and woofer drivers both have cones featuring a laminate of carbon fiber and Rohacell®. These two materials combine to make a cone that is very light, non-resonant and extremely stiff. Additionally, the density of the cone material prevent sound produced by the backs of the drivers from being transmitted through the cone material, a common problem with less dense materials.



## Integrated 3/4" medium density fiberboard (MDF) enclosure

All of the Cinema Series models feature an integrated enclosure made from 3/4"-thick MDF. The enclosure's density and rigidity prevents sound leakage from the speaker's rear, minimizing sound intrusion into adjacent spaces. In addition, the MDF is non-resonant, which minimizes the sonic colorations that can rob film soundtracks of clarity and impact.

## Enclosure damping material

To minimize the transfer of vibrational energy from the Cinema enclosure to its surrounding wall, the inner surfaces of the enclosure are lined with a visco-elastic dampening laminate. This damping material turns the vibrational energy into heat which is then dissipated inside the enclosure.

## Die-cast baskets

All the woofer and midrange drivers feature custom die-cast aluminum baskets for maximum rigidity. These baskets not only keep the placement of the voice consistent they are also non-ferrous and do not drain any of the magnetic field away from the driver's motor system.

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## ENJOY GREAT MOVIE SOUND THAT FILLS YOUR SENSES. SONANCE MAKES IT REAL.

- Provides powerful detail and clarity just like in a movie theater.
- Produces outstanding musical reproduction and superior power handling for your movie soundtracks.
- Surrounds the audience in a true theater experience.
- Features all new, one-piece, micro-trim grilles that effortlessly blend into your home theater space.
- Non-resonant, integrated 3/4" MDF enclosures promote natural, uncolored sound and minimize sound spillover into adjacent rooms.
- Available in two configurations: the LCR2/SUR2 four-woofer design for the largest home theaters, and the LCR1/SUR1 two-woofer design for home theater designs up to 3,000 cubic feet.

# SPECIFICATIONS Sonance Cinema Series Speakers

## LCR Left, Center, Right



LCR1



LCR2

## SUR Surround Side, Surround Back



SUR1



SUR2

**Tweeter:** 1" (25mm) silk dome, ferrofluid-cooled  
**Midrange:** 4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround  
**Woofer:** Two 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds  
**Frequency Resp:** 70Hz - 20kHz ±3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 150 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille Material:** Perforated steel  
**Dimensions:** 8 7/8" x 21 7/8" x 3 7/8" (225mm x 556mm x 98mm)  
**Cutout Dimensions:** 7 1/2" x 20 1/2" (191mm x 521mm)  
**Shipping Weight:** 19 lbs (8.6kg) each

**Tweeter:** 1" (25mm) silk dome, ferrofluid-cooled  
**Midrange:** 4" (100mm) carbon fiber/Rohacell laminated cone with a rubber surround  
**Woofer:** Four 5 1/4" (133mm) carbon fiber/Rohacell laminated cones with rubber surrounds  
**Frequency Resp:** 70Hz - 20kHz ±3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 200 watts maximum  
**Sensitivity:** 92dB SPL (2.83V/1 meter)  
**Grille Material:** Perforated steel  
**Dimensions:** 8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)  
**Cutout Dimensions:** 7 1/2" x 33 1/2" (191mm x 851mm)  
**Shipping Weight:** 29 lbs (13.2kg) each

**Tweeter:** Two 1" (25mm) silk domes, ferrofluid-cooled  
**Midrange:** 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  
**Frequency Resp:** 70Hz - 20kHz ±3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 150 watts maximum  
**Sensitivity:** 90dB SPL (2.83V/1 meter)  
**Grille Material:** Perforated steel  
**Dimensions:** 8 7/8" x 21 7/8" x 3 7/8" (225mm x 556mm x 98mm)  
**Cutout Dimensions:** 7 1/2" x 20 1/2" (191mm x 521mm)  
**Shipping Weight:** 19 lbs (8.6kg) each

**Tweeter:** Two 1" (25mm) silk domes, ferrofluid-cooled  
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**Frequency Resp:** 70Hz - 20kHz ±3dB  
**Impedance:** 6 ohms nominal; 4 ohms minimum  
**Power Handling:** 5 watts minimum; 200 watts maximum  
**Sensitivity:** 92dB SPL (2.83V/1 meter)  
**Grille Material:** Perforated steel  
**Dimensions:** 8 7/8" x 34 7/8" x 3 7/8" (225mm x 886mm x 98mm)  
**Cutout Dimensions:** 7 1/2" x 33 1/2" (191mm x 851mm)  
**Shipping Weight:** 29 lbs (13.2kg) each

## CINEMA SUB



SUB  
8-100



SUB  
10-150



SUB  
12-250

**Woofer:** 8" (203mm) anodized aluminum cone, rubber surround  
**Freq resp:** 35Hz - 250Hz ±3dB  
**Amplifier:** 100 watts  
**Inputs:** Line-level and speaker-level  
**Outputs:** High-pass filtered line-level and speaker level  
**Grille material:** Black cloth  
**Cabinet finish:** High-gloss black  
**Adjustments:** Front-accessible level, crossover, phase and bypass  
**Dimensions:** 12" x 14" x 12" (305mm x 355mm x 305mm)  
**Shipping Weight:** 40 lbs. (18kg) each

**Woofer:** 10" (254mm) anodized aluminum cone, rubber surround  
**Freq resp:** 28Hz - 250Hz ±3dB  
**Amplifier:** 150 watts  
**Inputs:** Line-level and speaker-level  
**Outputs:** High-pass filtered line-level and speaker level  
**Grille material:** Black cloth  
**Cabinet finish:** High-gloss black  
**Adjustments:** Front-accessible level, crossover, phase and bypass  
**Dimensions:** 14" x 16" x 14" (355mm x 406mm x 355mm)  
**Shipping Weight:** 60 lbs. (27kg) each

**Woofer:** 12" (305mm) anodized aluminum cone, rubber surround  
**Freq resp:** 22Hz - 250Hz ±3dB  
**Amplifier:** 250 watts  
**Inputs:** Line-level and speaker-level  
**Outputs:** High-pass filtered line-level and speaker level  
**Grille material:** Black cloth  
**Cabinet finish:** High-gloss black  
**Adjustments:** Front-accessible level, crossover, phase and bypass  
**Dimensions:** 15" x 18" x 16" (381mm x 457mm x 406mm)  
**Shipping Weight:** 70 lbs. (31.5kg) each



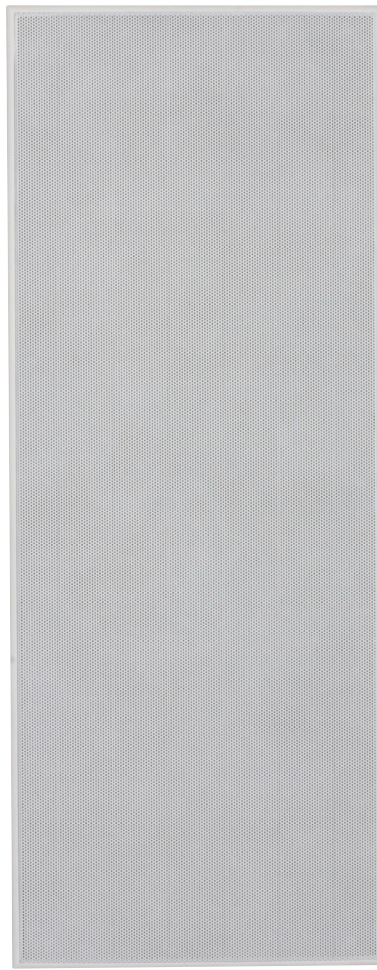


### HEART-POUNGING SOUND EFFECTS, SOARING MUSIC.

You and your guests will enjoy movies exactly the way the filmmakers intended them to be heard with Sonance Cinema Series speakers.

Sonance, the first high fidelity in-wall speaker company, continues to push reference-quality speaker performance using the highest quality materials while also designing them to blend seamlessly into your home theater.





SONANCE®

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- 1982 Designed the first in-wall speaker for home custom installation
- 1983 Development of the Sonance I
- 1986 Invented the first in-wall subwoofer—unique dual driver speaker using vent technology
- 1988 Developed the first 3-channel amplifier—bass, left and right
- 1989 Introduced the first in-wall speaker with adjustable high frequency control
- 1991 Developed Sonamp® 260, the first amplifier for multi-room use
- 1994 Created the first in-wall home theater speaker with pivoting tweeter
- 1997 Patented Amplified Volume Control technology for multi-room audio
- 1998 Launched the first THX® Ultra in-wall speaker system
- 2001 Patented the Sonic Eye®, a coaxially mounted, pivoting midrange and tweeter mechanism
- 2002 Invented the Ellipse®, the world's first speaker designed specifically for in-ceiling home theater
- 2002 Introduced the world's first customizable multi-room amplifier—Sonamp SAT275 with SmartAmp bay for install modules
- 2003 Developed the industry's first in-wall and in-ceiling high fidelity speakers for extreme temperatures, moisture and marine environments—Sonance Symphony Extreme®
- 2004 Introduced iPod®, the first in-wall music system for the Apple iPod®
- 2005 Launched the Sonamp 275SE, the first home audio amplifier with professional market BBE® sound enhancement technology
- 2006 Introduced the first truly flush-mount in-wall and in-ceiling speaker line. The Sonance Architectural® Series
- 2007 Introduced Visual Performance Series
- 2008 Introduced Cinema Series Speakers

INVENT. LEAD. REINVENT.

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