

THE LEADER IN ARCHITECTURAL AUDIO™



IN-CEILING  
HOME THEATER™



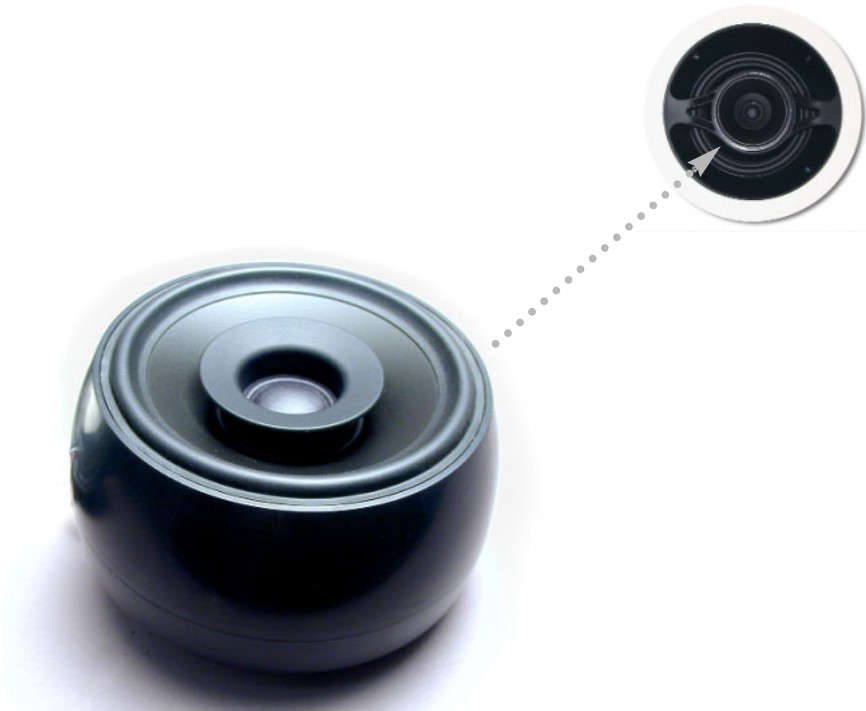
## Ellipse

**SONANCE'S INCREDIBLE IN-CEILING HOME THEATER SPEAKERS** give you, your family and friends the sound of a movie theater in your home, without the visual compromise of boxed or in-wall speakers or the sticky floor of a movie theater.

Our engineers have developed a revolutionary technology called the Sonic Eye™, which enables the source of the soundtrack to be pivoted directly toward your listening area. This concentrically mounted midrange/tweeter array is housed in a sealed, pivoting enclosure. The result is an unobtrusive installation that provides fantastic clarity of dialogue and music. For the first time, in-ceiling speakers can offer a level of performance that competes with the best in-wall or box speaker designs.

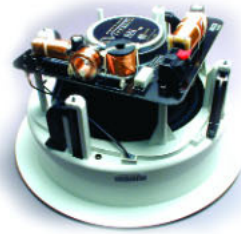
The range of our In-Ceiling Home Theater products encompasses both front and rear application speakers. The new Sonance Ellipse™ 1.0 LCR, with its revolutionary elliptical shape, features an angled recessed baffle to maximize home theater performance no matter what size your room. The Sonance Virtuoso® line features four round models for front channel applications that employ powerful 8-inch woofers for tight, high-impact bass, the RS2 for rear channel applications and the A800DR in-ceiling woofer.

All of our in-ceiling home theater products provide reliable, unprecedented performance for your home theater enjoyment.



**Sonance's Sonic Eye allows the midrange and tweeter to pivot up to 13° (Virtuoso) or up to 20° (Ellipse), providing the most direct sound field from an in-ceiling speaker available today.**





Ellipse:



**Ellipse 1.0 LCR**

**Tweeter:** 1/2"(13mm) cloth dome pivoting  
**Midrange:** 4"(102mm) polypropylene cone  
**pivoting Woofer:** 6-1/2"(165mm) black  
woven glass fiber cone with a rubber  
surround **Frequency Response:** 50Hz to  
20kHz +/- 3dB **SPL:** 89 dB 1w 1m **Power:**  
5 watts minimum to 125 watts maximum  
**Impedance:** 8 ohms nominal **Grilles:**  
Aluminum **Dimensions (WxHxD):** 10-1/2"  
x 15-3/8"x 5-7/8"(267mm x 391mm x 149mm)

Virtuoso In-Ceiling Speakers:



**Virtuoso 833DR**

**Tweeter -** 1"(25mm) Aluminum dome,  
**pivoting Midrange -** 4" (102mm) Aluminum  
cone, **pivoting Woofer -** 8" (203mm)  
Aluminum cone and rubber surround  
**Frequency Response:** 30Hz to 21 kHz  
±2dB **Impedance:** 6ohms nominal, 4ohms  
minimum **Power Handling:** 5 to 175 watts  
**SPL:** 92 dB 1W/1m **Grilles:** Aluminum  
**Adjustments:** 2 variable resistors for  
midrange and tweeter level, ±3dB  
**Dimensions (Dia x D):** 12"x 5-7/8"(305mm  
x 149mm)



**Virtuoso 832DR**

**Tweeter -** 1"(25mm) Silk dome, pivoting  
**Midrange -** 4" (102mm) Woven glass fiber  
cone, **pivoting Woofer -** 8" (203mm)  
Woven glass fiber cone with rubber  
surround **Frequency Response:** 32Hz to  
20 kHz ±2dB **Impedance:** 6ohms nominal,  
4ohms minimum **Power Handling:** 5 to  
150 watts **SPL:** 91 dB 1W/1m **Grilles:**  
Aluminum **Adjustments:** 1 variable resistor  
for tweeter level **Dimensions (Dia x D):**  
12"dia x 5-7/8"(305mm x 149mm)



**Virtuoso 831DR**

**Tweeter -** 3/4"(19mm) Cloth dome, pivoting  
**Midrange -** 4" (102mm) Polypropylene  
cone, **pivoting Woofer -** 8" (203mm)  
Polypropylene cone with rubber surround  
**Frequency Response:** 39Hz to 20 kHz  
±2dB **Impedance:** 8ohms nominal, 6ohms  
minimum **Power Handling:** 5 to 100 watts  
**SPL:** 90 dB 1W/1m **Grilles:** Aluminum  
**Dimensions (Dia x D)** 12"x 5-7/8"(305mm  
x 149mm)

Virtuoso In-Ceiling Speakers:



**Virtuoso 830DR**

**Tweeter:** 1/2" (13mm) pivoting cloth dome  
**Midrange:** 4" (102mm) pivoting polypropy-  
lene cone **Woofer:** 8" (203mm) polypropy-  
lene cone **Frequency Response:** 45Hz to  
20kHz +/- 3dB **Impedance:** 8 ohms nomi-  
nal/6 ohms minimum **Power Handling:** 5  
to 80 watts **SPL:** 89 dB 1W/1m **Grilles:**  
Aluminum **Dimensions (Dia x D):** 12" x 5-  
7/8" (305mm x 149mm)



**Virtuoso RS2 Rear Surround Speaker**

**Compatible with Ellipse and all VirtuosoDR  
speakers and VirtuosoDR accessories.**  
**Tweeter:** Two 1/2"(13mm) cloth dome  
**Midrange:** Two 3"(76mm) black woven glass  
fiber with a rubber surround **Woofer:**  
8" (203mm) black woven glass fiber with a  
rubber surround **Frequency Response:** 32Hz  
to 20kHz +/- 3dB **SPL:** 91 dB 1w 1m **Power:**  
5 watts minimum to 150 watts maximum  
**Impedance:** 6 ohms nominal, 4 ohms mini-  
mum **Grilles:** Aluminum **Dimensions (Dia x D):**  
12"x 5-7/8" (305mm x 149mm).



**Virtuoso A800DR In-Ceiling Woofer**

**Powered in-ceiling woofer with amplifier  
Driver Complement:** Woofer - 8" (203mm)  
long throw aluminum cone, and a rubber  
surround **Frequency Response:** 35Hz to  
250Hz **Power:** 150 Watts - amplifier  
**Controls:** Variable for crossover frequency  
(80-120Hz) and output level, phase control  
**Dimensions (Dia x D):** 12" x 5-7/8"  
(305mm x 149mm)

Acoustic Enhancing Accessories:

Acoustic Enhancing Accessories Your Sonance-Authorized custom installer will hide these acoustic enhancing accessories in your ceiling.



**Ellipse Acoustic Enclosure**

Optional Acoustic Enclosure for Ellipse 1.0  
LCR Acoustically optimized in-wall enclosure  
for the Ellipse 1.0 LCR speakers. Tighten the  
lower and mid bass response by providing a  
rigid enclosure. Reduces wall resonance.  
Provides sound containment. 0.536 cubic  
feet of internal volume. Material: 3/4"  
(19mm) Medium density fiberboard  
**Dimensions (W x H x D):** 14-1/8"x 14"x 6"  
(359mm x 356mm x 152mm)



**VirtuosoDR Acoustic Enclosure**

Optional acoustic enclosure for VirtuosoDR  
speakers and woofers Acoustically  
optimized in-wall enclosure for the  
VirtuosoDR speakers. Tighten the lower  
and mid bass response by providing a  
rigid enclosure. Reduces wall resonance.  
Provides sound containment. 1" cubic  
feet of volume. Material:  
3/4"(19mm) Medium density fiberboard  
**Dimensions (W x H x D):** 14"x 60"x 3-3/8"  
(356mm x 1524mm x 86mm)



**SonarIII Ceiling**

Acoustic Damping System for in-ceiling  
applications Cancels the transfer of  
sound to the room above. **Mounting:**  
Self-adhesive mounting plates **Dimensions  
(WxHxD):** 16" x 16" x 12" (406mm x  
406mm x 305mm)



The Leader in Architectural Audio™

SONANCE • 212 AVENIDA FABRICANTE • SAN CLEMENTE, CA 92672-7531 • TEL: 800-582-7777 • 949-492-7777 • FAX: 800-538-5151 • 949-361-5151

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