SONANCE
ARCHITECTURAL SERIES

BRINGING DESIGN AND AUDIO INTO PERFECT HARMONY

In 1982, Sonance invented the residential in-wall speaker—forever changing the relationship between architecture and audio.

Today, Sonance continues to lead the way with the groundbreaking design of Sonance Architectural Series®.

Featuring the first perfectly flush, completely trimless design, Sonance Architectural Series speakers precisely align with walls and ceilings to seamlessly integrate our legendary sound quality into your unique design vision.

More than 25 years after our first breakthrough, Sonance continues to change the way the world looks at audio.

Sonance
Architectural Series

INCOMPARABLE AESTHETICS. UNCOMPROMISING ACOUSTICS.

Take a good look at Sonance Architectural Series, and you'll never look at speakers the same way again.

The unique flush-mount design allows each speaker to become one with the surrounding surface. The trimless design brings an unprecedented level of precision and elegance—and provides the perfect companion to today's high-end lighting fixtures.

A choice of models lets you select the ideal size, shape, and finish component for any room.

With Sonance Architectural Series, there's no reason for audio quality to come at the expense of design integrity. There's no reason for speakers to add clutter to a room with unwanted shapes, shadows, and angles. And there's no reason to leave any detail of your design to chance.

With Sonance Architectural Series, you can give your clients the very best in acoustic performance, while preserving your vision for each and every room.

Sonance Architectural Series in-ceiling speaker beautifully complements high-end lighting like Lucifer® Z Series to reduce ceiling clutter and sightlines.

Sonance Architectural Series® Specifications

1. DETERMINE THE APPLICATION:

- Stereo pair speakers are ideal for general use in walls and ceilings. They are available in three sizes, three shapes, and two performance levels:

  Performance Level Z: Reference-quality beryllium drivers represent the absolute state of the art in home audio.

  Performance Level X: Audiophile-quality carbon fiber drivers are sure to please the most discriminating listener.

PERFORMANCE OPTIONS

Level Z Level X

- Specialty speakers are designed to satisfy particular design and installation needs, including:

  Sonance Architectural Series Fascia speakers: With no grille, the satin black and white rectangle fascia (Z8F) let the technical beauty of the beryllium speaker cones become a celebrated design feature, allowing the 8" woofer, 4" midrange, and 1" dome tweeter to take center stage.

  Sonance ThinLine® speakers: For shallow installations, choose Sonance ThinLine speakers, available in three medium-size shapes: the X6 TL (rectangle), X6R TL (round), and X6S TL (square).

  Sonance Single Stereo Technology® speakers: By combining the left and right signals in one unit, Sonance SST speakers (X6R SST) provide an ideal solution for alcoves, hallways, bathrooms, and other small areas.

- Bass augmentation speakers enhance bass performance while maintaining the room's design integrity:

  Sonance Architectural Series Woofers: These flush-mounted woofers (X8 W, X8R W, X8S W) include a choice of rectangle, round, and square finish components that perfectly align with the plane of the wall or ceiling. They are powered by the Sonamp A800 amplifier, available separately.

  Sonance Architectural Series Bandpass Subwoofer (BPS-1): Our unique bandpass subwoofer adds deep, powerful bass to any audio system. Sound is delivered via a hidden cabinet and discreet finish component that avoids compromising the surrounding architectural space. The required Sonamp A150 Amplifier, available separately, powers up to two BPS-1 cabinets.

2. SELECT THE SIZE AND SHAPE:

- Stereo pair speakers are available in all three sizes and all three shapes.
- Facsia speakers are available in the large rectangle design with a choice of white or satin black finish.
- Woofers and ThinLine speakers are available in all three shapes.
- Single Stereo speakers are available in a medium-size round model.

ARCHITECTURAL SERIES FASCIA

Satin Black White

3. DETERMINE THE TYPE OF MOUNTING PLATFORM:

- Gypsum Panel Bracket: Available in ½" and ⅝" versions, this mounting platform provides the easiest and fastest method of guaranteeing an entirely flush installation in standard drywall applications. Sonance Precision Fit finish components eliminate any variation between the surrounding surface and the edge of the finish component.
- Universal Bracket: This platform is designed for new and existing construction for standard drywall applications, non-standard drywall applications such as plaster and finishes exceeding ⅝" in thickness, and cement-based substrates. Some installations may require stud-mount rails (sold separately). Special features allow the brackets to be adjusted for precise alignment relative to other fixtures and the surrounding surface.

4. SELECT THE FINISH COMPONENT:

- All Architectural Series speakers (except Fascia models) are available with a choice of cloth or micro-perforated aluminum grilles, with no trim or micro-trim.

CLOTH GRILLE MICRO-PERFORATED METAL GRILLE

No Trim Micro Trim No Trim Micro Trim

5. ORDER THE APPROPRIATE SIZE MOUNTING PLATFORM: Please refer to specification table at right.

6. ORDER THE SPEAKER AND FINISH COMPONENT:

- Depending on your schedule, you may wish to order the speaker and finish component after the mounting platform is installed and the surrounding surface has been finished.
- When ordering Architectural Series stereo pair speakers, please remember to choose a performance level.

PERFORMANCE LEVEL Z: Reference Quality

	LARGE			MEDIUM			SMALL		
MODEL	Z8	Z8F	Z8R	Z8S	Z6	Z6R	Z6S	Z4	Z4R	Z4S
SHAPE										
TWEETER	1" (25mm) beryllium dome, ferrofluid-cooled, pivoting				1" (25mm) beryllium dome, ferrofluid-cooled, pivoting			1" (25mm) beryllium dome, ferrofluid-cooled, pivoting		
MIDRANGE	4" (102mm) beryllium cone, rubber surround, pivoting				—			—		
WOOFER	8" (203mm) beryllium cone, rubber surround, pivoting in round and square models				6.5" (165mm) beryllium cone, rubber surround, pivoting in round and square models			4" (102mm) beryllium cone, rubber surround		
FREQUENCY RESPONSE	30Hz – 20kHz ±3dB				40Hz – 20kHz ±3dB			50Hz – 20kHz +3dB		
IMPEDANCE	6 ohms nominal; 4 ohms minimum				6 ohms nominal; 4 ohms minimum			8 ohms nominal; 6 ohms minimum		
POWER HANDLING	5 watts minimum; 175 watts maximum				5 watts minimum; 150 watts maximum			5 watts minimum; 100 watts maximum		
SENSITIVITY	91dB SPL (2.83V 1 meter)				90dB SPL (2.83V 1 meter)			90 dB SPL (2.83V 1 meter)		
ADJUSTMENTS	Tweeter and midrange level (±3dB)				Tweeter level (±3dB)			Tweeter level (±3dB) on Z4 only		

PERFORMANCE LEVEL X: Audiophile Quality

	LARGE			MEDIUM						SMALL		
MODEL	X8	X8R	X8S	X6	X6R	X6S	X6 TL	X6R TL	X6S TL	X6R SST	X4	X4R	X4S
SHAPE													
TWEETER	1" (25mm) silk dome, ferrofluid-cooled, pivoting in acoustic back chamber			1" (25mm) silk dome, ferrofluid-cooled, pivoting in acoustic back chamber (two tweeters in X6RSST)							1" (25mm) pivoting silk dome, ferrofluid-cooled		
MIDRANGE	4" (102mm) carbon fiber cone, rubber surround, pivoting			—							—		
WOOFER	8" (203mm) carbon fiber cone, rubber surround, pivoting in round and square models			6.5" (165mm) carbon fiber cone, rubber surround, pivoting in round and square models							4" (102mm) carbon fiber cone with a rubber surround		
FREQUENCY RESPONSE	32Hz – 20kHz ±3dB			43Hz – 20kHz ±3dB							55Hz – 20kHz +3dB		
IMPEDANCE	6 ohms nominal; 4 ohms minimum			8 ohms nominal; 6 ohms minimum (6 ohms nominal; 4 ohms minimum for all TL models)							8 ohms nominal; 6 ohms minimum		
POWER HANDLING	5 watts minimum; 150 watts maximum			5 watts minimum; 135 watts maximum (5 watts minimum; 140 watts maximum for all TL models)							5 watts minimum; 80 watts maximum		
SENSITIVITY	91dB SPL (2.83V 1 meter)			90dB SPL (2.83V 1 meter)							90 dB (2.83V 1 meter)		
ADJUSTMENTS	Tweeter and midrange level (±3dB)			Tweeter level (±3dB)							Tweeter level (±3dB) on X4 only		

WOOFERS	
X8 W, X8R W, X8S W (Sonamp A800 Amplifier required)	
WOOFER	8" (203mm) Long-throw carbon fiber cone with a rubber surround
FREQUENCY RESPONSE	35Hz – 250kHz

BANDPASS SUBWOOFER	
BPS-1 (Bandpass connectors and Sonamp A150 Amplifier required)	
FREQUENCY RESPONSE	35Hz – 150Hz ±3dB
PORT TUBE LENGTH	15" (381mm)
MINIMUM MOUNTING AREA	9.125"W x 11"H x 39.5"D

BPS-1 (Bandpass connectors and Sonamp A150 Amplifier required)

MOUNTING PLATFORM SPECIFICATIONS

	FINISHED HOLE SIZE	GYPSUM PANEL BRACKET SIZE	UNIVERSAL BRACKET SIZE	FINISHED DEPTH WITH SPEAKER	
RECTANGLE				STANDARD	TL
Z8 | Z8F | X8 | X8 W	8.18" x 14.25" (208mm x 362mm)	21" x 20.5" (533mm x 521mm)	—	3.73" (95mm)	—
Z6 | X6 | X6 TL	6.62" x 10.51" (168mm x 267mm)	21" x 20.5" (533mm x 521mm)	9.39" x 13.27" (238mm x 337mm)	3.58" (91mm)	2.58" (65mm)
Z4 | X4	4.40" x 7.73" (112mm x 196mm)	22" x 14.5" (559mm x 368mm)	7.60" x 10.49" (193mm x 266mm)	3.08" (78mm)	—
SQUARE					
Z8S | X8S | X8S W	9.86" x 9.86" (250mm x 250mm)	21" x 20.5" (533mm x 521mm)	12.67" x 12.67" (322mm x 323mm)	6.04" (153mm)	—
Z6S | X6S | X6S TL	7.96" x 7.96" (202mm x 202mm)	22" x 14.5" (559mm x 368mm)	10.75" x 10.75" (273mm x 273mm)	4.83" (123mm)	3.46" (88mm)
Z4S | X4S	5.30" x 5.30" (135mm x 135mm)	22" x 14.5" (559mm x 368mm)	8.10" x 8.10" (206mm x 206mm)	3.74" (95mm)	—
ROUND					
Z8R | X8R | X8R W	10.00" diameter (254mm)	21" x 20.5" (533mm x 521mm)	12.67" diameter (322mm)	4.63" (118mm)	—
Z6R | X6R | X6R TL	8.15" diameter (207mm)	22" x 14.5" (559mm x 368mm)	10.75" diameter (273mm)	4.84" (123mm)	3.54" (89mm)
X6R SST	8.15" diameter (207mm)	22" x 14.5" (559mm x 368mm)	10.75" diameter (273mm)	3.54" (89mm)	—
Z4R | X4R	5.84" diameter (148mm)	22" x 14.5" (559mm x 368mm)	8.10" diameter (206mm)	3.89" (99mm)	—

SONANCE®

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