

# Snell

AMC 2000  
HIGH PERFORMANCE  
IN-WALL SPEAKER

## FOR INVISIBLE THEATER, AN IN-WALL VERSION OF THE AWARD WINNING XA 1900<sup>THX</sup>

The AMC 2000 is the in-wall version of the world's first THX Ultra2 certified speaker. The AMC 2000 sets a benchmark for main channels playback of...Music and Movies...Digital and ProLogic...DVD and CD. David Smith, Snell's president and chief engineer, solved the three problems that hold back In-Wall speakers from serious theater consideration. First, to establish predictable bass response a special "back-box" enclosure was developed, which like all conventional loudspeakers, determines the speaker's bass response. Second, the best materials were used. Other In-Walls use cheap plastics, which color the sound and leak sound to adjacent rooms. The AMC 2000 features a heavily braced and well damped MDF cabinet to optimize performance by controlling resonance. Third, the tweeter-midrange array is "toed" in to replicate the sound stage capabilities of free standing speakers. The result is a system of uncompromising neutrality and dimension. The AMC 2000 deploys the components of the award winning Snell XA 1900<sup>THX</sup> in a space efficient enclosure designed to fit into conventional 2 x 4 walls, even behind acoustically transparent screens. Intended for home theater and music system's L/C/R channels, the AMC 2000 features a three-driver eXpanding Array (XA) of dual 2 1/2-inch midranges and 1-inch aluminum dome tweeter. This unique driver/crossover innovation manages vertical directivity without lobing, for a natural and "airy" soundstage. Furthermore, its controlled dispersion pattern and special tuning compensate for unpredictable room acoustics and boundary interactions. Coupled with two 8-inch high output woofers, the AMC 2000 is capable of tremendous output, providing effortless, powerful sound to below 60 Hz. Every AMC 2000 is assembled by hand and individually calibrated, assuring performance to within 0.5dB of its reference standard.



### SPECIFICATIONS

**Frequency Response**  
63Hz-20kHz  $\pm$  3dB

**Recommended Amplifier Power**  
75 to 250 watts

**Nominal Impedance**  
6 ohms

**Sensitivity**  
90dB

**Tweeter**  
1" ferrofluid cooled aluminum dome with separate PVC surround

**Midranges**  
Dual 2 1/2-inch, in separate enclosure

**Bass Unit**  
Dual 8-inch, long excursion bass units

**Crossover**  
Conforms to an "in-phase" or Linkwitz Reilly design

### Platform Baffle

Exposed Layer: 1/4" MDF  
Damping Layer: High Loss Polymer  
Inner Layer: 1/4" MDF

### Grille

Matte white, perforated metal

### Controls

Treble level, boundary compensation, perforated screen compensation

### Dimensions (HxWxD)

42" x 14" x 3 3/4"

### Rough Opening Requirements

40 7/8" h x 12 7/8" w

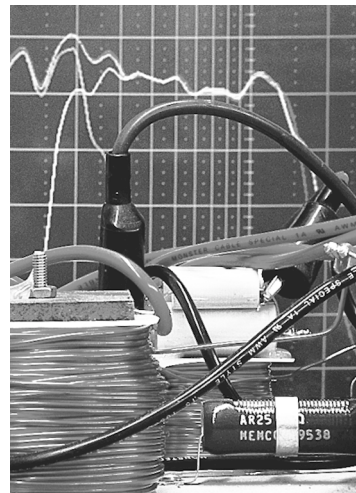
### Weight (Shipping)

45 lbs.

### Finish

White utility, hand painted.

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### Hand Tuning

Our technicians rigorously match our systems to within  $\pm$ 0.5dB of the Master Reference

# Snell

143 Essex Street  
Haverhill, MA 01832  
978-373-6114 phone  
978-373-6172 fax  
[www.snellacoustics.com](http://www.snellacoustics.com)

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