

Snell

AMC 2000
HIGH PERFORMANCE
IN-WALL SPEAKER

FOR INVISIBLE THEATER, AN IN-WALL VERSION OF THE AWARD WINNING XA 1900^{THX}

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^{THX} 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

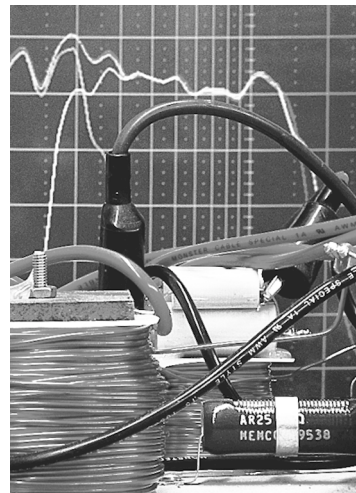
Weight (Shipping)

45 lbs.

Finish

White utility, hand painted,

Lucasfilm and THX are registered trademarks of Lucasfilm Ltd.



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

Covered by patents issued and/or pending. Specifications subject to change. ©2002 Snell Acoustics.

Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>