

# Snell

XA2500  
LCR FOR  
SCREENING ROOMS &  
HIGH END THEATERS



## A NEW REFERENCE FOR HIGH-END HOME THEATER

The Snell XA2500 is the driver set and crossover from the XA 2900, Snell's award winning Reference LCR, mounted in a handmade utility enclosure. The result is an LCR that approaches the performance levels of its Reference stablemate at less than half the price. By teaming the best of loudspeaker design, and innovation with a 3/4" MDF cabinet and Snell's highly damped three part baffle, Dr. Joseph D'Appolito and his team are able to achieve remarkable bandwidth, output, and dimension when built into dedicated home theaters and screening rooms. Hand built by Snell in Peabody, Ma, The XA 2500 uses all the parts from the XA 2900, except for the sophisticated multilayer enclosure, including the 8-inch aluminum cone woofers, 4.5-inch midranges and 1-inch pure titanium tweeter. In place of the Reference cabinet, the XA 2500 borrows from the XA 1900thx, by employing a traditional utility cabinet, with a multilayer baffle of two layers of dense MDF sandwiching a damping layer of 1.5mil neoprene. These cabinet details are what helped garner awards for both the XA 2900 and XA 1900thx. Featuring the eXpanding Array (XA), a unique driver arrangement developed from months of computer modeling, the XA 2500 assures extremely flat response directed to the listening area, while quieting the floor and ceiling reflections that bounce back to the listener as distortion. These optimum dispersion characteristics are enhanced by the use of the drivers chosen for the \$25,000 XA Reference Tower. Together they provide the maximum in output, power handling, bandwidth, and accuracy.

The highly detailed crossover, also from the XA Reference Tower, seamlessly combines all elements. Innovatively, four switches are employed to "tune out" distortions induced by typical installation conditions. Notably, the Boundary Switch that tunes for flattest response, whether the speaker is located in free space, near a rear wall, or on the floor. And, the Upper Treble Switch that accurately compensates for the loss of treble when mounting the XA 2900 behind perforated film screens.

For applications demanding movie theater dynamics and output while preserving the detail and nuance in music, the XA 2500 exceeds all expectations.

*Available in both horizontal and vertical configurations.*

# XA2500

## SPECIFICATIONS

### Frequency Response

40Hz-24kHz  $\pm 3$ dB anechoic

### Recommended Amplifier Power

150 to 600 watts

### Impedance

Nominal 4 ohms, minimum 3 ohms

### Sensitivity

88dB SPL (2.83v at 1m)

### Tweeter

1-inch (25mm) titanium dome tweeter .

### Midranges

Two 4 $\frac{1}{2}$ -inch (110mm) mounted in separate enclosure

### Bass Units

Two 8-inch (210mm) with black anodized aluminum cones.

### Grille

Cloth-covered MDF frame

### Max Dimensions (HxWxD)

Horizontal: 32 x 14 x 13 $\frac{1}{2}$  in.

Vertical: 32 x 14 x 13 $\frac{1}{2}$  in.

### Weight (each)

Shipping: 88 lbs. (40 kg)

Net: 75lbs. (34kg)

### Finish

Black Painted MDF. Other veneers and finishes available at extra cost.



### Spectral Control

An array of switches compensates for perforated screens and other installation conditions.

# Snell

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