

Owner's Manual
Addendum

XA 1900_{THX}



Snell

XA1900THX

Certified as a THX Ultra2 front/rear, the XA1900THX deploys the components of the award winning Snell XA90ps in a space efficient enclosure designed for building into cabinets. Unique switches correct the response changes caused by cabinet boundaries and acoustically transparent screens. Intended as L/C/R channels both for home theaters and for multichannel music system's, the XA 1900THX features a three-driver **eXpanding Array (XA)** of dual 2½-inch midranges and a 1-inch aluminum dome tweeter. This unique driver/crossover innovation gives a broad and lobe free vertical directivity, for a natural and "airy" soundstage. Furthermore, its controlled dispersion pattern and special tuning options compensate for unpredictable room acoustics and boundary interactions. Using this array coupled with two 8-inch high-output woofers, the XA 1900THX is capable of tremendous output, providing effortless, powerful sound to below 50 Hz. Every XA 1900THX is assembled by hand and individually calibrated, assuring performance to within 0.5dB of its reference standard.

XA1900THX Crossover Controls

Setting the Bass Level (Input cup, far left switch)

Freestanding placement.

Set the Bass level switch to Normal

Boundary placement (For situations where the XA1900 is placed inside an a/v cabinet)

Set the Bass level switch to Boundary

Setting the Treble Level (Input cup, center switch)

The treble level control contours the "brightness" of the XA Tower.

Set the switch to "+" to increase the high-frequency output in situations where the XA1900 THX sounds dull

Set the switch to "-" when the XA1900THX is overly bright, especially in highly reflective rooms. Turn the high-frequency output

Setting the Perforated screen (Input cup, far right switch)

The XA1900THX provides compensation for the naturally occurring attenuation of a speaker placed behind a perforated screen. *When the speaker is behind a screen, set the Perf Screen to "With Screen"*

In applications that do not utilize a perforated screen, set the control to "No screen"

IMPORTANT: The Perforated screen "With Screen" setting overrides any other treble level adjustment. Therefore, no "+" or "-" adjustments to treble level are possible while the speaker is in this setting. To Adjust Treble Level, please be certain to set the Perf Screen to "No Screen".

XA 1900THX SPECIFICATIONS

Frequency Response

48Hz-20kHz \pm 3dB

Recommended Amplifier Power

75 to 250 watts

Nominal Impedance

4 ohms

Sensitivity

91dB

Driver complement: (All video-shielded)

Tweeter

1" ferrofluid cooled aluminum dome with separate PVC surround

Midranges

Dual 2½-inch, in separate enclosure

Bass Unit

Dual 8-inch, long excursion bass units

Crossover

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

Grille

Black cloth over MDF frame

Controls

Perforated screen compensation, treble level, boundary compensation,

Wiring

Bi-wirable, bi-ampable

Dimensions (HxWxD)

Standard: 21" x 16½" x 11" (533 x 419 x 279mm)

Tall: 30" x 13" x 11" (762 x 330 x 279mm)

Weight (Shipping)

40 lbs. (18kg)

Finish utility, hand-finished and hand-painted