

Specifications: Continuum 3

Room sizes Medium to large. (200-1,000sf.)

Woofer 12" low-mass paper/carbon fiber rigid cone. Very low resonant frequency from highly-compliant, ultra-linear suspension, butyl rubber surround, large flat spider; 2" vented aluminum voice coil. Heavy gauge, rolled-edge steel chassis; 50oz. magnet; 18mm p-p linear excursion.

Midrange 5.25" Aerogel cone (acrylic polymer gel, carbon and Kevlar fibers, micro air bubbles). 5.6g moving mass. Low resonant frequency from high-compliance suspension. Santoprene rubber surround, large rear-vented flat spider. 1" Kapton voice coil, vented via rubber phase plug. Die-cast MgZn alloy chassis; 12oz. magnet; 5.2mm linear excursion. Resistively-vented in alliptic, non-diffractive Q-Stone™ enclosure containing damped acoustic line. Response -3dB at 320 and 2,870Hz.

Tweeter Lightweight 28mm linen dome, hand-coated with polymer. High-compliance, inverse-roll contiguous suspension. Hex-wound copper-clad aluminum voice coil wire, high-strength aluminum alloy former, Ferrofluid-cooled, with 0.46g of moving mass. Large, damped rear chamber. Double neodymium magnets, fully shielded. In alliptic, non-diffractive, Q-Stone™ enclosure with integrated tweeter-chassis damping.

Cabinet features Vented 4th-order Butterworth with nearly zero box loss, 4" top aerodynamic port tuned to 34Hz; internal Golden-Ratio Baffle™ inside triple-layers of premium 13-ply Baltic birch and MDF. Q-Stone™ and wood cabinet finished in black Texture-Kote™ for look and feel of pin-grained leather; adorned with hand-shaped, -dyed, and -lacquered solid wood panels.

Soundfield Convergence™ adjustability Midrange and tweeter adjust front-to-rear independently and together as one unit.



Response +/- 0.75dB from 40Hz to 21kHz, -3dB at 35Hz and 23kHz, from 2.5 to 6m, on Soundfield Converged axis, on first-arrival tone bursts, across approx. 80dB dynamic window.

Distortion <0.5 percent harmonic 100Hz-12kHz, <1 percent intermodulation, both at 100dB at 1m. I.M.D. is for any two frequencies separated by a 10:1 ratio.

Phase shift +/- 3 degrees acoustically, from 160Hz to 8kHz. Does not vary with loudness.

Rise time <10 microseconds, positive or negative input. Does not vary with loudness.

Polarity Positive, over full bandwidth.

Dispersion Omni at 35Hz, smoothly decreasing to cardioid at 10kHz.

Crossover Balanced-Phase™ first-order circuit.

Impedance 6.5 Ohms, +/- 0.75 Ohms 150Hz to 20kHz. Does not vary with loudness.

Sensitivity 90dB for 2.83V at 39"/1m, at sea level. Dynamically linear within 0.5dB to 103dB.

Max SPL 105dB peak at 3m from a stereo pair, first-arrival (without room gain).

Pair matching Amplitude +/- 0.25dB; impedance +/- 0.15 Ohms, 160Hz-8kHz; crossover parts +/- 0.15 percent.

Power 7 to 250W (amplifier's 8 Ohm rating).

Size 51"H, 16"W (rear); 13"W (front), 17.75"D (with grille).

Weight 130lbs/60kg each.

World Firsts 15; patentable: 13, including:

1. A triple-layer wood cabinet for the woofer enclosure. 2. A base reinforced inside with an epoxy resin and marble composite. Results: Better bass extension, dynamic contrast; clearer low-voice range; sharper stereo image. 3. A midrange and tweeter in a single Q-Stone™ housing that allows each to be positioned independently for Soundfield Convergence™ in any listening position. 4. A housing around the midrange and tweeter, scientifically-shaped for the least amount of reflection in the high frequencies yet retaining the physical size necessary around the midrange driver to properly support its low-frequency waves. This breakthrough was reached upon solving advanced mathematics which described how to blend those contrary shapes' needs. Result: The smoothest sound integration yet between all drivers.