

CLX™

The World's Finest Full-Range Electrostatic Line Source Loudspeaker — 25 Years of Passion, Pride, and Performance

stereo main / home theater front (Available June 2008)

57" CLS™ (curvilinear line source) XStat™ electrostatic technology • DualForce™ double diaphragm, triple stator 57" dipole low-frequency electrostatic transducer • low-frequency dipole phase stabilization • precision Vojtko™ filtering including: thick film on alumina substrate resistors, air core coils, polypropylene capacitors, and custom wound toroidal audio transformers • audiophile grade power cable • ETC™ spikes • environmentally conscious design

CLX 25th Anniversary Limited Edition: \$24,995/pair (US retail) – available in black and clear anodized billet aluminum with interior and exterior white lighting

CLX: \$19,995/pair base price (US retail) – available in cherry, maple, and black maple hardwood; black EcoSound™; and custom finish options with exterior blue lighting

The CLX delivers the truth—the culmination of everything we have learned about electrostatic technology since we brought our first product to market in 1983. Purity of sound permeates your entire room and satisfies even the most critical ear. The new industry benchmark for resolving detail, CLX utilizes dual electrostatic transducers to render the most complex musical passages as faithfully as a crystal prism disperses the full color spectrum. This is the limitless spectrum of the CLX—the absolute truth in musical reproduction.

57" CLS™ XStat™ Electrostatic Transducer

MartinLogan's award winning Curvilinear Line Source™ XStat™ electrostatic (ESL) technology allows smooth unencumbered dispersion of sound throughout the listening area. The result? Perfectly etched imaging and focus achieved through minimal room interaction; optimum natural reproduction of sound with full level response from ultra-linear transducers; reliable operation in open air; compatibility with all electronics; and seamless dispersion of precise sound throughout your listening environment.

By utilizing electrostatic dipole dispersion patterns for both of the transducers CLX provides full benefits of electrostatic technology from the highest frequency to the lowest. Dipole design minimizes side-wall reflections with short arrival times that tend to interfere with perception of the direct sound while producing a generous amount of ambience-enriching later-arriving reflections off the wall behind them. Additionally, uniform drive across the transducer surfaces, light-weight ultra-responsive diaphragm material, and simultaneous push-pull operation enable the diaphragms to trace even the most delicate sonic details with absolute precision.

DualForce™ Double Diaphragm, Triple Stator 57" Low-Frequency Electrostatic Transducer With Dipole Phase Stabilization

CLX's unique DualForce™ ESL double diaphragm, triple stator dipole low-frequency transducer delivers deep, dynamic bass with twice as much force as a standard ESL. Additionally, CLX's low-frequency dipole stabilization technology eliminates low frequency rear wave cancellation inherent to dipole transducers. This is accomplished by increasing the air path length behind the CLX and



*Clear Aluminum CLX
25th Anniversary Edition*



MARTIN LOGAN®

the loudspeaker technology company

Lawrence, Kansas, USA tel 785.749.0133 fax 785.749.5320 www.martinlogan.com

©2008 MartinLogan. All rights reserved.

delaying the out-of-phase back wave. The resulting decrease in low-frequency front-wave cancellation increases overall output while minimizing total harmonic distortion at low frequencies.

Precision Vojtko™ Filtering

Within the interface module, a regulated power supply creates stable bias voltages even under the most extreme conditions. Dual transformer design utilizes a toroidal audio transformer for detailed mid- and high-frequencies, and a high-quality, high-voltage E.I. transformer for dynamic, linear bass. All high-voltage leads are made of the purest copper and coated with silicone. Only superlative materials, including thick film on alumina substrate resistors and polypropylene capacitors, are used throughout.

Environmentally Conscious Design

In addition to total dedication for unmatched performance, environmentally conscious considerations influenced the design and engineering of the CLX. This includes an advanced energy management design in its electrical circuitry and the use of rapidly renewable or highly recyclable structural materials like EcoSound™.

EcoSound is the proprietary advent of a Martin Logan alliance with Klip BioTechnologies, LLC, the leading innovator and manufacturer of certified eco-conscious materials. EcoSound is composed of an FSC certified 50/50 blend of plantation grown, rapidly renewable bamboo fiber and post consumer recycled paper. These materials are bound by a revolutionary co-polymer resin system that is 100% water based and VOC free. CLX is the obvious first application for this remarkable new audiophile grade material and yet another giant step forward in Martin Logan's continuing commitment to produce irresistible high value products from environmentally intelligent materials.

Audiophile Grade Solutions For Every Performance Detail

CLX's audiophile grade power cord eliminates irregularities in power delivery. Custom ETC™ (Energy Transfer Coupler) spikes enhance stability on thick carpets, create tighter coupling between speaker and floor, and provide a tighter bass response.

CLX 25th Anniversary Limited Edition

2008 marks MartinLogan's 25th anniversary and the first expression of the CLX, *the CLX 25th Anniversary Edition*, commemorates this important milestone and will be presold as a limited edition through select distribution.

The CLX is designed, engineered, and manufactured in Lawrence, Kansas, USA.

Specifications*

System Frequency Response	56–23,000 Hz ± 3db
Horizontal Dispersion	30 Degrees
Vertical Dispersion	57" (145 cm) line source
High Frequency Transducer	57" (145 cm) CLS™ (curvilinear line source) XStat™ electrostatic transducer
Low Frequency Transducer	57" (145 cm) DualForce™ ESL double diaphragm, triple stator dipole low-frequency electrostatic transducer
Sensitivity	90 dB/2.83 volts/meter
Impedance	6 ohms , 0.7 ohms @ 20 kHz
Crossover Frequency	360 Hz
Components	Thick film on alumina substrate resistors, air core coils, polypropylene capacitors, and custom wound toroidal audio transformers
Controls	Accent Light On/Off
Power Handling	225 watts per channel
Weight (Aluminum)	152 lbs. each (69 kg)
Weight	110 lbs. each (50 kg)
Size	70.32" h x 25.75" w x 13.75" d (178.6 h x 65.4 w x 35 d cm)

**Specifications are subject to change without notice.*



*Red Aniline Dye Maple CLX
With Custom Art Frames*



MARTIN LOGAN®

the loudspeaker technology company

Lawrence, Kansas, USA tel 785.749.0133 fax 785.749.5320 www.martinlogan.com

©2008 MartinLogan. All rights reserved.