

purity™

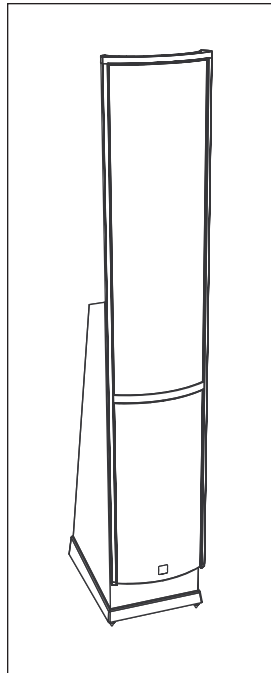
The World's First Fully Powered Hybrid Electrostatic Loudspeaker

stereo main / home theater front / home theater surround

• Available September 2007 • Available in Black and Dark Cherry

- Fully Powered Woofer and ESL • ClearSpar™ Spacers • Generation 2 MicroPerf CLST™ Electrostatic Transducer • Ultra Rigid AirFrame™
- Dual Aluminum Cone Woofers • Precision Crossover • Adjustable Base for Superior Demonstrations in both Standing and Sitting Positions

MartinLogan's new Purity loudspeaker marks an exciting new direction for electrostatic loudspeaker design. Internally powered with a high-resolution digital amplifier, Purity allows an unprecedented level of system connection flexibility. Equipped with a standard line-level input, Purity is able to connect directly to devices such as digital music players, flat screen televisions or even computers. Additional speaker level inputs also allow Purity to exist in a traditional receiver or pre-amp equipped 2-channel or home theater system.



Easily adaptable for listening in a sitting position or a standing demonstration, Purity incorporates an innovative rotating and removable base allowing user adjustment from 1° to 13° degrees of rake. Additionally, MiniETC spikes allow for further fine-tuning of rake.

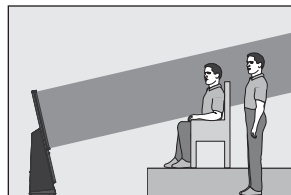
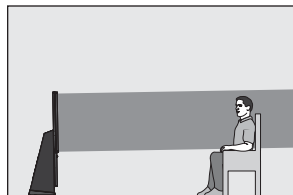
Purity incorporates proprietary AirFrame™ technology and MartinLogan's advanced Generation 2 diaphragm MicroPerf electrostatic transducer to cover the audible acoustic range with unprecedented high-frequency accuracy and low-level sonic detail. ClearSpar™ spacers suspend the Generation 2 diaphragm

within the electrostatic transducer, enhancing Purity's transparent look and increasing both efficiency and dynamics. Perfectly integrated, MartinLogan engineered dual high-resolution 6.5-inch aluminum cone woofers supply an authoritative bass performance that will give most subwoofers a run for their money.

A state-of-the-art audio transformer and custom crossover engineering ensure a transparent link between the electrostatic panel and woofer. Purity's crossover employs proprietary Vojtko topology for vanishingly low distortion and seamless driver integration. This precision-tuned network preserves miniscule sonic nuances while handling the full dynamics of any source with unparalleled purity, precision, clarity, and openness.

Specifications

Frequency Response	41–23,000 Hz ± 3db
Horizontal Dispersion	30 Degrees
Vertical Dispersion	28" (71 cm) Line Source
Sensitivity (Binding Posts)	93 dB/2.83 volts/meter
Sensitivity (Line Level)	95 dB/2.83 volts/meter
Impedance (Binding Posts)	4,000 Ohms
Impedance (Line Level)	14,000 Ohms
Crossover Frequency	450 Hz
Components	Custom-wound audio transformer, air core coils, high-efficiency high-resolution amplifier
Bass Level Control	+3dB, flat, -3dB
Woofer Type	Two 6.5" (16.5 cm) high excursion, aluminum cone with extended throw driver assembly, non-resonance asymmetrical chamber format, bass reflex
Internal Amplifier Power	200 watts
Recommended Amplifier Power	50–200 watts
Weight	51 lbs. each (23.2 kg)
Size	52.3" h x 9.7" w x 14.7" d (132.9 h x 24.5 w x 37.3 d cm)



MARTIN LOGAN®

the loudspeaker technology company

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