

# stage™

**center | front | surround** • available June 2006 • \$2795 US retail (base price) • available in black ash, dark cherry, natural cherry and maple

CLS™ XStat™ electrostatic transducer • MicroPerf stators • ClearSpar technology • vacuum bonding • low-distortion Vojtko™ crossover • high-resolution tweeter and woofers • low-voltage power supply • pivoting stand/wall-mount bracket

Stage™ is a highly evolved expression of the ideas and engineering that spawned the legendary Logos™ and Theater™ center-channel speakers. Incorporating many of our most refined technologies, including a state-of-the-art XStat™ electrostatic panel, twin 6.5-inch aluminum-cone woofers, and highly sophisticated Vojtko™ crossover, Stage sets a new standard for performance. The precision and intelligibility of its center-channel reproduction are unrivaled.

Featuring a multi-mount bracket/stand, Stage takes versatility to the next level, working extremely well as a main, center or surround speaker, mounted on- or off-wall, horizontally or vertically. Only a handful of speakers (our own floorstanding electrostats) match or outperform the Stage in any of these applications, and none outpace it in all of them. Its sound is always simply glorious.

## XStat™ Transducer

Stage's advanced MicroPerf stator technology, ClearSpar spacers, and vacuum bonding combine with a highly refined crossover topology to greatly increase efficiency for an effortless, unlimited dynamic presentation.

## ClearSpar™ Technology

ClearSpar spacers maintain uniform spacing to exacting tolerances both in front of and behind the diaphragm and stiffen the assembly across its width. This enables precise, consistent tensioning of the vacuum bonded diaphragm without obstructing the floating, see-through look that is the visual hallmark of MartinLogan electrostats.

## Vacuum Bonding

The components of each XStat panel – two insulated, high-purity carbon steel stators, plasma-deposited PET diaphragm, and ClearSpar spacers – are fused

into a cylindrical-section geometry with an aerospace adhesive whose hold strength exceeds that of welding. Our proprietary Vacuum Bonding process ensures uniform diaphragm tensioning and facilitates the extremely tight tolerances necessary for construction of a precision transducer.

## Vojtko™ Crossover

Carefully hand-built using only the finest polypropylene capacitors and air-core coils, Stage's crossover employs MartinLogan's proprietary Vojtko topology for vanishingly low distortion and seamless driver integration. This precision-tuned network preserves even the most subtle sonic nuances while handling the full dynamics of any source.

## Low-Distortion Aluminum-Cone Woofers

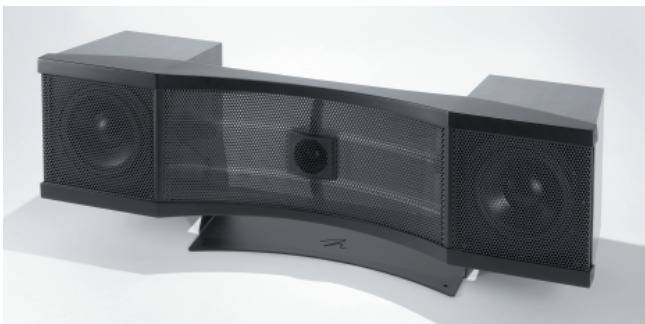
Aluminum diaphragms eliminate cone flexure and help our advanced-technology woofers achieve the very low distortion necessary for proper blending with MartinLogan electrostatic panels.

## Easy Installation Low-Voltage Power Supply

A low-voltage DC power supply eliminates the need for a traditional, heavy IEC power cord.

## Stage Specifications

Frequency Response	69–22,000 Hz ± 3db
Horizontal Dispersion	30 Degrees
Sensitivity	90 dB/2.83 volts/meter
Impedance	Nominal: 4 ohms Minimum: 2.9 ohms
Crossover Frequency	450Hz, 2700Hz
Components	Custom-wound toroidal audio transformer, air core coils, polypropylene capacitors
Tweeter Type	1" (2.5 cm) neodymium soft dome
Woofer Type	Two 6.5" (16.5 cm) cast basket, aluminum cone with extended throw driver assembly, non-resonant asymmetrical chamber format
Power Handling	250 watts
Weight	39 lbs. each (17.7 kg)
Size (bracket / stand beneath)	12" h x 34.6" w x 10.3" d (30.4 h x 87.9 w x 26.1 d cm)
Size (bracket / stand behind)	9.3" h x 34.6" w x 11.8" d (23.6 h x 87.9 w x 30 d cm)
Size (without mounting bracket)	9" h x 34.6" w x 10.3" d (22.7 h x 87.9 w x 26.1 d)



MARTIN LOGAN®

the loudspeaker technology company

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