EM-ESL X

Electrostatic Speaker

**SPECIFICATIONS**

**System Frequency Response**
41–22,000 Hz ±3 dB

**Recommended Amplifier Power**
20–400 Watts per channel

**Dispersion**
Horizontal: 30 degrees
Vertical: 40" (101.6 cm) line source

**Sensitivity**
91 dB / 2.83 volts / meter

**Impedance**
6 ohms (1.6 ohms @ 20 kHz min.). Compatible with 4, 6, or 8 ohm rated amplifiers

**Crossover Frequency**
400 Hz

**High-Frequency Driver**
XStat™ CLS™ Electrostatic transducer
Panel dimensions: 40" x 8.6" (101.6 cm x 21.8 cm)
Radiating area: 344 in² (2,215 cm²)

**Woofers**
Two 8" (20.3 cm) high excursion, high-rigidity paper cones with extended throw driver assembly, non-resonance asymmetrical chamber format, bass reflex

**Components**
Custom-wound audio transformer, air core coils, large steel laminate inductors, polyester capacitors, and low DF electrolytic capacitors

**Weight**
52 lbs. each (23.6 kg)

**Size (H x W x D)**
59.2" x 9.4" x 20.7" (150.3 cm x 23.8 cm x 52.6 cm)

Specifications are subject to change without notice.

**The ElectroMotion ESL X is an introduction to a new world of high performance audio.** Highly efficient, with superbly integrated bass performance, the EM-ESL X will perform admirably with AV receivers as well as high-end amplifiers.

Equipped with a larger XStat™ electrostatic transducer than the EM-ESL, the EM-ESL X has a radiating area over 50 in² larger. Twin 8-inch high excursion woofers are housed in a surprisingly small, non-resonant asymmetrical bass reflex ported chamber. Dual audiophile-grade, doped-fiber cone woofers, custom designed by MartinLogan’s in-house design and engineering team, optimize cone suspension and the magnetic flux field to produce big bass output with vanishingly low distortion.

The specially developed ElectroMotion XStat MicroPerf electrostatic panel is housed using AirFrame™ Technology. AirFrame technology, a composite of aluminum and composite materials, keeps the electrostatic panel rigid without obstructing playable surface area or interfering with ambience-enriching dipole sound radiation.