

# Motion LX16

## SPECIFICATIONS

**Frequency Response**  
60–25,000 Hz ± 3 dB

**Dispersion**  
80° x 80°

**High Frequency Driver**  
1" x 1.4" (2.6cm x 3.6cm) Folded Motion Transducer with 5.25" x 1.75" (13.3cm x 4.4cm) diaphragm.

**Low Frequency Transducer**  
5.25" (13.3cm) aluminum cone with cast basket. Non-resonant asymmetrical chamber format. Rigid structured dust cap to reduce cone break-up modes.

**Sensitivity**  
92 dB @ 2.83 volts/meter

**Impedance**  
5 Ohms. Compatible with 4, 6 or 8 Ohm rated amplifiers.

**Recommended Amplifier Power**  
20–200 watts

**Crossover Frequency**  
2,700 Hz

**Cabinet**  
Ported

**Components**  
Custom air core coil and low DCR steel laminate inductors. Polypropylene film capacitors in series and low DF electrolytic capacitors in parallel. Overall system thermal/current protection.

**Inputs**  
Custom 5-way binding posts

**Weight**  
12 lbs. (5.4 kg)

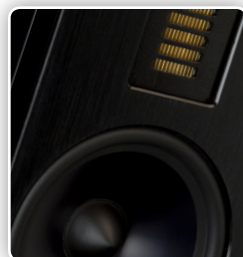
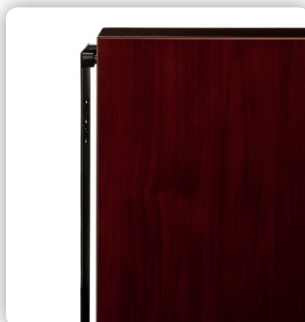
**Dimensions**  
11" x 6.5" x 9.5"  
(28cm x 16.5cm x 24.2cm)

*Specifications are subject to change without notice.*



*Inspired by the clarity and detail of our ultra-high-end electrostatic loudspeakers, the Motion LX16 extends the award-winning Motion® Series sound to a more traditional bookshelf package, with luxurious high-gloss real-wood finishes.*

The High-Performance Motion LX16 bookshelf features an advanced resolution Folded Motion™ tweeter, a low-distortion 5.25-inch high-excursion black-aluminum woofer, and low-turbulence rear-firing bass port for extended bass performance, all in a traditional bookshelf package.



MartinLogan's signature perforated steel grille appears to float in front of the solidly constructed 3/4-inch thick MDF cabinets on the Motion LX16. Hidden discretely underneath the grille, the drivers are held securely in place by a solid, black-anodized brushed aluminum baffle. Folded Motion tweeters and woofers are seamlessly blended with an advanced topology crossover network featuring polypropylene and low-DF electrolytic capacitors, custom wound inductors, and thermal and current protection. The Motion LX Series also features recessed custom 5-way binding posts for connection versatility.