



Helos 6.5" High-Resolution In-Ceiling Speaker

HELOS12

SKU: 155830 UPC: 877929007836

The Helos 12 is a high-resolution in-ceiling loudspeaker featuring a 1-inch neodymium soft dome tweeter mounted in an aimable stem, aluminum cone woofer, and proprietary Vojtko crossover topology.

Helos 12 features a high-resolution neodymium tweeter mounted on a pivoting tweeter stem that easily aims at the primary listening location. This design allows the audience to enjoy the highest levels of in-ceiling audio performance, while still providing rich, detailed sound throughout the entire room.

Feature

- **Installer Friendly** - A robust mounting-lock system allows quick, trouble-free installation. When not in use, the constant-control mounting locks are held securely within a self-contained housing. When moved into place during installation, they couple the speaker's chassis firmly to the ceiling. And if the speaker is ever removed, the locks retract and latch themselves back in their housings.
- **Stealthy Grilles** - MartinLogan's new Helos speakers feature ultra-low profile, paintable micro perforated grilles with no visible bezel for an near invisible integration into any wall or ceiling. A magnetic system secures grilles easily into place, reducing the risk of warping or damage during installation.
- **Precision-Built, Advanced-Topology Vojtko Crossover** - Carefully hand-built using only the finest polyester capacitors and air-core coils, the crossover employ's MartinLogan's proprietary Vojtko topology for vanishingly low distortion and seamless driver integration. This precision-tuned network preserves even the most microscopic sonic nuances while handling the full dynamics of any source.
- **Multi Application Use** - Helos 12 is suitable for use in small rooms. Designed for use as a single stereo speaker in distributed audio or a wide dispersion home theater surround.

Specifications are subject to change without notice

Frequency Response	47-20,000 Hz \pm 3dB
Aiming	Pivoting Tweeter Stem
Recommended Amplifier Power	20-200 watts per channel
Sensitivity	89 dB/2.83 volts/meter
Impedance	4 Ohms Compatible with 4, 6, or 8 Ohm rated amplifiers.
Crossover Frequency	2800 Hz

High Frequency Transducer	1" (2.5 cm) neodymium soft-dome tweeter
Low Frequency Transducer	6.5" (16.5 cm) cast basket, high rigidity aluminum cones with extended throw drive assembly, thermal protection
Components	Air core coils, polyester capacitors
Inputs	Binding posts
Weight	4.5 lbs. (2 kg)
Cut-Out Dimensions	8.35" dia. (21.2 cm dia.)
Projection From Wall Surface	.2" (.45cm)
Depth Behind Wall Surface	4.4" (11.2 cm)