



22 6.5" High-Resolution Stereo In-Ceiling Speaker

HELOS22

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Helos 22 is a high-resolution stereo in-ceiling loudspeaker featuring dual 0.75-inch neodymium soft dome tweeters, an aluminum cone woofer, and proprietary Vojtko crossover topology.

Helos 22 features dual tweeters and a dual voice coil woofer. This design allows the speaker to provide stereo sound from a single speaker, ideal for use in small rooms such as bathrooms, small offices, entryways, and kitchens. Helos 22 also bridges to deliver mono sound reproduction with wide dispersion. You can use Helos 22 for almost any application.

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. Each Helos 22 speaker comes with a full-size installation template that features quick-reference instructions, and die-cut guides for marking the cutout hole.
- **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 22 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.

Frequency Response	47-20,000 Hz \pm 3dB
Aiming	Pivoting Tweeter Stem
Recommended Amplifier Power	20-200 watts per channel
Recommended Amplifier Power (Stereo)	20 watts x 20 watts 100 watts x 100 watts
Sensitivity	89 dB/2.83 volts/meter

Impedance	Mono: 4 Ohms. Stereo: 8 Ohms x 8 Ohms Compatible with 4, 6, or 8 Ohm rated amplifiers.
Crossover Frequency	2600 Hz
High Frequency Transducer	Two 0.75" (1.9 cm) neodymium soft-dome tweeters
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	Stereo binding posts (bridge for mono)
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	4.9" (12.3 cm)