

Stealth Architectural Series Overview



Stealth Series is the pinnacle of discreet high-performance audio featuring our most ambitious architectural speakers to date for the ultimate in-wall or in-ceiling reference: the Axis, Edge & Vanquish.

Designed for those seeking the world's most articulate and dynamic multi-channel home theater systems or a stealthy reference-quality 2-channel system, Stealth Series speakers are voice and timbre-matched with MartinLogan's ultra-premium electrostatic speakers.

MartinLogan's exquisite Folded Motion™ XT tweeter, with its large radiating surface, works by moving air perpendicular to the folded ridges of the diaphragm, similar to how an accordion works. This extremely low mass diaphragm "squeezes" air, requiring almost 90% less excursion than a typical 1" dome tweeter. This drastically minimizes distortion while providing lightning-fast transient response. The increased surface area also delivers wide, yet controlled dispersion ensuring a breathtakingly realistic and delicately etched soundstage.

Premium wire connections, a gloss piano-black speaker baffle (that hides all mounting hardware), solid one-piece cast aluminum chassis and low-profile bezel-less magnetic grilles put the new Stealth Series in a class of its own.

Vanquish

SPECIFICATIONS

Frequency Response
37–25,000 Hz $\pm$ 3 dB

Dispersion
80° x 30°

High Frequency Driver
1.25" x 2.4" (3.2cm x 6.1cm) Folded
Motion XT Transducer with 4.5" x 2.75"
(11.4cm x 7cm) diaphragm.

Mid Frequency Transducer
Two 3.5" (8.9cm) aluminum cone with stamped
steel basket. Concave dust cap.

Low Frequency Transducer
8" (20.3cm) aluminum cone with cast aluminum
basket. Concave dust cap.

Sensitivity
93 dB @ 2.83 volts/ meter

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

Recommended Amplifier Power
20–300 watts

Crossover Frequency
400, 850 & 2000 Hz

Weight
16 lbs. (7.3 kg)

Dimensions
14.4" x 6.3"
(36.5cm x 16cm)

Cut-Out Dimensions
13.1" (33.3cm)

Depth Required Behind Wall Surface
6.1" (15.5cm)

Projection From Wall Surface
0.2" (0.6cm)

Specifications are subject to change without notice.



Vanquish is the ultimate reference in-ceiling speaker for left/right/center or surround channel applications. Massive bass performance comes from the 8-inch black aluminum cone woofer while two 3.5-inch black aluminum mid-woofers and a low-distortion Folded Motion™ XT tweeter give it richly detailed highs, and an open & revealing midrange.



Vanquish's robust mounting-lock system is coupled with a rigid aluminum chassis. 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 chassis firmly to the ceiling. If the speaker is removed, the locks retract and latch themselves back in their housings. Installers rejoice! Each Vanquish comes with a one-handed installer's handle (shown left) to easily hold during installation. Left/Center/Right/Surround toggle switches allow performance to be tailored to match the specific application post-installation. Chassis can be rotated allowing tweeter to be precisely pointed at the listening area.



Precision-Built, Advanced-Topology Vojtko™ Crossover

Vojtko crossover topology ensures vanishingly low distortion and seamless driver integration. Each crossover is hand-built on a super-thick, double-layered black PC board using the finest polypropylene and low-DF electrolytic capacitors, massive air coils, custom wound inductors and 16-gauge copper wire, with thermal and current protection. Every note and nuance of the audio signal is perfectly preserved.

Axis

SPECIFICATIONS

Frequency Response

45–25,000 Hz $\pm$ 3 dB

Dispersion

80° x 30°

High Frequency Driver

1.25" x 2.4" (3.2cm x 6.1cm) Folded Motion XT Transducer with 4.5" x 2.75" (11.4cm x 7cm) diaphragm.

Low Frequency Transducer

Two 5.25" (13.4cm) aluminum cone with cast aluminum basket. Concave dust cap.

Sensitivity

94 dB @ 2.83 volts/ meter

Impedance

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

Recommended Amplifier Power

20–250 watts

Crossover Frequency

700 & 2000 Hz

Weight

13 lbs. (5.9 kg)

Dimensions

15.2" x 7.8" x 3.9"
(38.6cm x 19.9cm x 9.9cm)

Cut-Out Dimensions

14.4" x 7.1" (36.7cm x 18cm)

Depth Required Behind Wall Surface

3.7" (9.4cm)

Projection From Wall Surface

0.2" (0.6cm)

Specifications are subject to change without notice.



Axis offers ultra-high-performance from an in-wall and is sized to fit horizontally between 16" studs for the ultimate center channel or left/right application. Two 5.25-inch black aluminum cone woofers and a low-distortion Folded Motion™ XT tweeter provide richly detailed highs, and an open & revealing midrange.



Axis' robust mounting-lock system is coupled with a solid aluminum chassis. 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 chassis and add rigidity to the wall. Driver complements are held in place by a flush-mounted 3/4-inch solid high-gloss piano black baffle that hides mounting hardware for customers who want to showcase their speaker without a grille. The Folded Motion Tweeter rotates easily without the need for tools to allow precise sound dispersion either horizontally or vertically and can be performed post-installation.



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Edge

SPECIFICATIONS

Frequency Response

42–25,000 Hz $\pm$ 3 dB

Dispersion

80° x 30°

High Frequency Driver

1.25" x 2.4" (3.2cm x 6.1cm) Folded Motion XT Transducer with 4.5" x 2.75" (11.4cm x 7cm) diaphragm.

Mid Frequency Transducer

Two 3.5" (8.9cm) aluminum cone with stamped steel basket. Concave dust cap.

Low Frequency Transducer

Two 6.5" (16.5cm) aluminum cone with cast aluminum basket. Concave dust cap.

Sensitivity

95 dB @ 2.83 volts/ meter

Impedance

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

Recommended Amplifier Power

20–300 watts

Crossover Frequency

400, 1800 & 3000 Hz

Weight

19 lbs. (8.62 kg)

Dimensions

27.8" x 8.3" x 3.9"
(70.5cm x 21cm x 9.9cm)

Cut-Out Dimensions

27" x 7.6" (68.6cm x 19.2cm)

Depth Required Behind Wall Surface

3.7" (9.4cm)

Projection From Wall Surface

0.2" (0.6cm)

Specifications are subject to change without notice.



Edge is the ultimate reference in-wall speaker for front, center or surround applications. Two 6.5-inch black aluminum cone woofers, two 3.5-inch black aluminum mid-woofers and a low-distortion Folded Motion™ XT tweeter provide deep bass, richly detailed highs, and an open & revealing midrange.



Edge's robust mounting-lock system is coupled with a solid aluminum chassis. 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 chassis and add rigidity to the wall. Driver complements are held in place by a flush-mounted 3/4-inch solid high-gloss piano black baffle that hides mounting hardware for customers who want to showcase their speaker without a grille. The Folded Motion Tweeter rotates easily without the need for tools to allow precise sound dispersion either horizontally or vertically and can be performed post-installation.



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