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Magico S3 Mk II

Floor Standing, 3-Way Loudspeaker (Four Driver) Design

HAYWARD, CA – Magico, the **Leader in High-Performance Loudspeaker Design and Manufacture**, is pleased to announce the new S3 Mk II.

The S3 Mk II nestles in between the S1 Mk II and S5 Mk II and features all of the advanced design elements of the S-Series Mk II models, including a new 9-inch bass driver with the lowest measured distortion born from the design and engineering theories applied to the limited-edition, 10th Anniversary M-Project.

The S3 Mk II's superlative high frequencies are provided by a 1-inch Magico diamond-coated beryllium-diaphragm tweeter that offers matching sensitivity, wide dispersion, and increased power handling over the original S-series tweeter. A new aluminum housing for the magnet structure minimizes overall resonance and improves the isolation parameters for the tweeter dome element. The long-throw voice coil enables lower distortion and optimal cutoff frequencies that enhance driver integration with the midrange driver.

Magico's extraordinary midrange reproduction is attained from a proprietary 6-inch driver that also sets a new benchmark for measured performance. The cone material is formulated using Multi-Wall carbon fiber and a layer of XG Nanographene, which when combined is 20% lighter and 300% stiffer than the previous S-series cone designs. The purpose-built sub-enclosure is made of a proprietary polymer material which provides an isolated and optimized environment for the midrange driver to operate within.

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Deep, powerful, and accurate bass frequencies result from two newly designed 9-inch Magico bass drivers that are produced with advanced manufacturing techniques using the same new Multi-Wall carbon, Nanographene cone. The powerful magnet structure controls a 5-inch pure Titanium voice coil that has a 1/2-inch of linear excursion and produces clean, undistorted sound pressure levels up to 112dB @ 50Hz/1-meter.

The monocoque enclosure of the S3 Mk II is formed from a single piece of extruded aluminum that is 3/8-inch thick and 12-inches in diameter. The new aluminum top plate is machined into an elegant 3D convex shape to minimize enclosure diffraction and break-up vertical standing waves. A massive base plate incorporates a newly designed 4-point outrigger support system that lowers the speaker's center of gravity and increases overall stability, resulting in a lower noise floor and increased dynamic range.

All four drivers in the S3 Mk II are acoustically integrated using Magico's exclusive Elliptical Symmetry Crossover topology that utilizes state-of-the-art components from Mundorf of Germany. The dividing network maximizes frequency bandwidth while preserving phase linearity and minimizing intermodulation distortion. Individual driver performance and the loudspeaker in its final form are tested and optimized for acoustical, mechanical, electromagnetic, and thermal behaviors using the latest state-of-the-art Finite Element Analysis simulation testing equipment.

The S3 Mk II is available in two separate finishes: M-Cast (textured satin coat) and M-Coat (smooth high-gloss paint).

Specifications

Driver complement:

Tweeter: 1" MBD7 Diamond Coated Beryllium Dome (X1)
Midrange: 6" M390G XG Nanographene Cone (X1)
Bass: 9" M905G XG Nanographene Cone (X2)

Measurements:

Sensitivity: 88dB
Impedance: 4 ohms
Frequency Response: 24Hz – 50 kHz
Minimum Recommended power: 50 Watts

Dimensions:

48"H x 12"D x 12"W (122cm x 30cm x 30cm)

Weight:

170lbs (77Kg)

Suggested US Retail Price:

\$ 28,000.00 /pair M-Cast finish
\$ 32,000.00 /pair M-Coat finish

Ship date:

January 2017

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