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MAGICO S5 (MK II)

HAYWARD, CA – Magico, the leader in high performance loudspeaker design and manufacture, is pleased to announce the new S5 (Mk II).

The new S5 (Mk II) incorporates distilled elements of our most recent and ground breaking engineering accomplishments which are found in the S7 loudspeaker. From a distance the new S5 (Mk II) appears similar to its predecessor however upon closer inspection numerous improvements are easily recognized.

Detailed and extended high frequencies emanate from a newly designed Magico 1-inch Diamond coated Beryllium diaphragm tweeter that offers matching sensitivity, wide dispersion and high power handling. A robust motor system and long-throw voice coil design enables lower distortion and cutoff frequencies that enhance driver integration with the midrange driver.

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The new midrange driver in the new S5 (Mk II) sets a new benchmark of measured performance. The cone material is formulated using Arkema Multi-Wall carbon nanotube and XG Sciences C-750 Nanographene which combined is 20% lighter and 300% stiffer than previous cone material used in the original S5. The underhung neodymium base motor system uses two extra-large magnets which provide an ultra-stabilized magnetic field for the pure titanium voice coil to operate within. The driver operates in a purpose built sub-enclosure made of a proprietary polymer material that was first introduced in the S3.

New Dual 10-inch bass drivers have extremely powerful magnets, with ultra-stiff aluminum cones that are specially coated and finished with graphene dust-caps. This new bass driver is capable of producing incredibly deep and powerful bass frequencies with the utmost speed and accuracy. The excursion rate of the voice coil is measured at 15-mm linear movement, twice as much as its predecessor, and produces clean and undistorted sound pressure levels up to 120dB @ 50Hz / 1-meter.

The impressive enclosure of the S5 (Mk II) is formed from extruded aluminum, 1/2 inch thick and 16-inches in diameter. A massive new top plate is machined into an elegant 3D convex shape to minimize enclosure diffraction and break-up vertical standing waves. The thicker base plate incorporates a newly designed 4-point outrigger support that lowers the center of gravity and increases overall stability resulting in lower noise floor and increased dynamics.

All five drivers in the new S5 (Mk II) are acoustically integrated using Magico's exclusive Elliptical Symmetry Crossover topology that includes state-of-the-art components from Mundorf of Germany.

Specifications:

Driver complement:

Highs: 1" MB7 Beryllium Dome (X1)
Midrange: 6" M390G Graphene Nano Tec (X1)
Bass driver: 10" MAG10508 AluminumXF Graphene (X2)

Measurements:

Sensitivity: 89dB
Impedance: 4 ohms
Frequency Response: 22Hz – 50 kHz
Minimum Recommended power: 50 Watts

Dimensions: 48"H x 14"D x 15"W (122cm x 36cm x 38cm)

Weight: 220 pounds

Suggested Retail Price: SRP US \$ 38,000.00 /pair M-Cast finish

Ship date: January 2016

For more information please contact Peter Mackay, V.P. Global Sales and Marketing at Magico LLC. Telephone: 1-510-649-9700, Ext 104 or visit us at www.magico.net