

Magico Announces the S7 Loudspeaker

April 6, 2015



Magico, the leader in high performance loudspeaker design and manufacture, is pleased to announce a new addition to the award winning S-Series line – the S7.

The S7 is a full range, 3-way design, floor standing loudspeaker that incorporates new tweeter, midrange and bass driver designs which are derived from the engineering triumphs in the MProject loudspeaker. Towering over other S-Series models, the acoustic suspension enclosure of the S7 features curved aluminum side panels that are machined in-house from half-inch thick aluminum extrusions which are sixteen-inches in diameter. Internal bracing is carefully positioned throughout the enclosure to minimize resonances and create an ideal operating environment.

The S7 houses three new 10-inch bass drivers that have extremely powerful magnets and ultrastiff aluminum cones which are capable of producing deep powerful bass frequencies with speed and accuracy. The excursion rate of the voice coil is measured at 15-mm linear movement and produces clean and undistorted sound pressure levels up to 120dB @ 50Hz / 1-meter.

The midrange driver (6-inch) in the S7 brings a new benchmark of measured performance to Magico. 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 designs. 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.

The S7 incorporates a new (1-inch) tweeter that features a diamond-coated beryllium diaphragm with optimized geometry, created using state-of-the-art Finite Element analysis modeling tools. This purpose built tweeter has extra-long excursion movement and uses a neodymium based motor system that is customized to match the sensitivity and power handling capabilities of the S7 while maintaining ultra-wide dispersion characteristics and ultra-low distortion measurements.

All five drivers in the S7 are acoustically integrated using Magico's exclusive Elliptical Symmetry Crossover topology that includes state-of-the-art components from Mundorf of Germany.

Specifications

Sensitivity: 89dB

Impedance: 4-Ohms

Frequency Response: 20 Hz – 50 KHz

Recommended Power: 50-1000 Watts

Dimensions: 56" (142cm)H x 20" (48cm)D x 25" (63cm)W

Weight: 300 lbs.

Ship date – July 2015

