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MAGICO Q7 – A NEW REFERENCE

The journey to create the finest unlimited class loudspeaker in the world has stretched the very boundaries of what is technically and creatively possible in loudspeaker design. Expanding the performance envelope of the paradigm shifting Q-Series has been an exponentially challenging task, setting even higher benchmarks than those achieved by our groundbreaking Q5. Our challenge at the outset was to blend radically new and cutting-edge technologies into a reference loudspeaker, which from the faintest whisper to the most ear-deafening sound-pressure levels maintains a yet unheard degree of composure and fidelity.

This challenge has been met. The result is a cost-no-object loudspeaker of limitless dynamics, high efficiency, extreme extension and redefined transparency. Everything we have expected and something we could have never imagined. Magico is proud to unveil the Q7.

DRIVER TECHNOLOGY

In order to achieve the lofty goals of this project under all operating conditions, each and every driver of the four-way, five-driver Q7 has been designed from the ground up. Effortless to drive, an astounding 94dB efficiency pushes the Q7 to unimaginable performance levels while maintaining every grain of resolution and nuance. To create such a highly efficient loudspeaker the entire complement required new motor systems backed with exceptionally powerful neodymium magnets, 10 times higher than industry norm. Dual 12-inch bass woofers and a 10-inch midbass bring Nano-Tec® cone technology into our largest Magico-designed drivers to date. Working together, they take resolution and extension through the lower octaves to a new level.

ENCLOSURE

Using Advanced Finite Elements Analysis to study 'in-box' driver behavior, the Q-Series' construction techniques were redeployed in a configuration more finely tuned to the specific parameters of 'driver to enclosure' interaction. Comprised of over 100 parts of aluminum, copper, and stainless steel, all affixed with over 650 fasteners in a calculated labyrinth of internal bracing, the Q7 provides the ideal combination of mass, dampness and rigidity. A new three-axis matrix frame, copper decoupling levels, and a 'floating' midrange cavity yield the most effective multi-faceted strategy of eliminating the cabinet as a secondary acoustic source, making the Q7 a remarkable architectural feat.

CROSSOVER

Magico's elliptical crossover techniques have been employed to create the Q7 4-way filters. Once again, we have partnered with industry leaders to create a new top shelf of components to meet the very special demands of this project. Custom ultra-high precision resistors, capacitors and coils were designed to comprise the crossover network.

The Q7 is our finest achievement: a technical triumph that fully expresses the ultimate passion and capabilities of Magico. We can think of no better statement to make regarding our commitment to redefine the genre both technically and artistically, providing music lovers an unlimited and unedited space within which to experience sound like never before.

Magico will be demonstrating the Q7 at CES 2012 in Las Vegas in the Magico Suite: Venetian Towers, Suite 35-209.

SPECIFICATIONS

Driver Complement:

- 1 x 1" MB7 Tweeter
- 1 x 6" MG70 Midrange
- 1 x 10" MG107 Midbass
- 2 x 12" MG1207 Bass

Sensitivity: 94dB

Impedance: 4 Ohms

Frequency Response: 20 Hz – 50 kHz

Recommended Power: 50 – 1200 Watts

Dimensions: 60"H x 32"D x 15"W (152cm x 81cm x 38cm)

Weight: 750 lbs. (340 kg)