



December 2017—Hayward, California USA

You Say You Want A Revolution



Magico Introduces the A3

Machined into the metal of every Magico loudspeaker is a subtle, yet permanent, “M”. Our symbol is a simple reminder to the owner of a Magico product that they have purchased a product born of an uncompromised, unapologetic pursuit of performance excellence.

The standards we have set for a product bearing our M logo are not without consequence. The push forward into the development of new, exotic, costly technologies and materials has meant that these products are accessible only to a fortunate few. While we have long wanted to bring a more affordable product to the market, and despite constant experimentation and testing of various methods for reducing costs to achieve this goal, the results have always fallen short of earning the Magico M engraving.

Through Dedication. Passion. Knowledge.

We welcome you to the impossible made possible.

Magico is proud to launch the A series. At long last a Magico loudspeaker obtainable for a wider audience; the A3 brings together a bevy of technologies unheard-of at its price point. A fully braced and anodized aluminum enclosure, beryllium tweeter, carbon Nanographene cones, neodymium based motor systems and our renowned elliptical crossover, the A3 is the impossible made possible.

High Frequency driver

Extended high frequencies are provided by a newly designed Magico pure beryllium-diaphragm tweeter with an optimized 28-mm dome surface based on the fundamental design platform and geometry of the M-Project tweeter. The customized neodymium motor system is encased in an improved back chamber with our latest generation damping materials that facilitate ultra-low distortion, higher power handling, massive dynamic capabilities and extended linear voice coil movement.

Midrange Frequency driver

The newly developed 6-inch midrange employs a Multi-Wall carbon fiber cone with a layer of XG Nanographene, providing optimal stiffness to weight ratios and an ideal damping factor. Overhung neodymium based motor systems incorporate extra-large magnets to ensure a stabilized magnetic field in the 75-mm pure titanium voice coils of both the midrange and bass drivers.

Low Frequency Drivers

Dual 7-inch woofers incorporate a version of the new Gen 8 Magico Nano-Tec cone. The same properties and materials that allow for the proper combination of stiffness, mass and damping are carried through to the lowest frequencies. The chassis has also been simulated and tested for the optimal combination of stiffness and damping. Minimum acoustical impact is achieved through reducing vibration modes while maximizing air flow. A new overhung neodymium (N48) based motor system anchors the low frequency reproducers to accomplish a super stabilized magnetic field. A pure Titanium, 75mm voice coils are consistent with the technology utilized through the midrange.

The A3 Midrange and Low frequency drivers were optimized for minimal music related distortions in its band pass, in both the frequency and time domains using latest state of the art FEA simulation of acoustical, mechanical, electromagnetic and thermal behavior. All of this is now being done on a single platform, allowing Magico to take the next step in performance optimization.

Crossover

All four drivers in the A3 are acoustically integrated using Magico's proprietary Elliptical Symmetry Crossover topology that utilizes state-of-the-art components from Mundorf of Germany. The 3-way network features a 24db per octave Linkwitz-Riley filter that maximizes frequency bandwidth while preserving phase linearity and minimizing intermodulation distortion.

Enclosure

The A3's massive sealed-enclosure is, like all Magicos, a tour-de-force of engineering. The enclosure is made entirely from 6061 T6 aircraft grade aluminum, identical materially to the enclosure developed for the Q Series. This braced, complex internal structure is finished externally with an elegant brushed anodized "skin".

The A3 enclosure is best considered as a simplified Q Series design, with the same materials, the same craftsmanship, and the same attention to design and build detail.

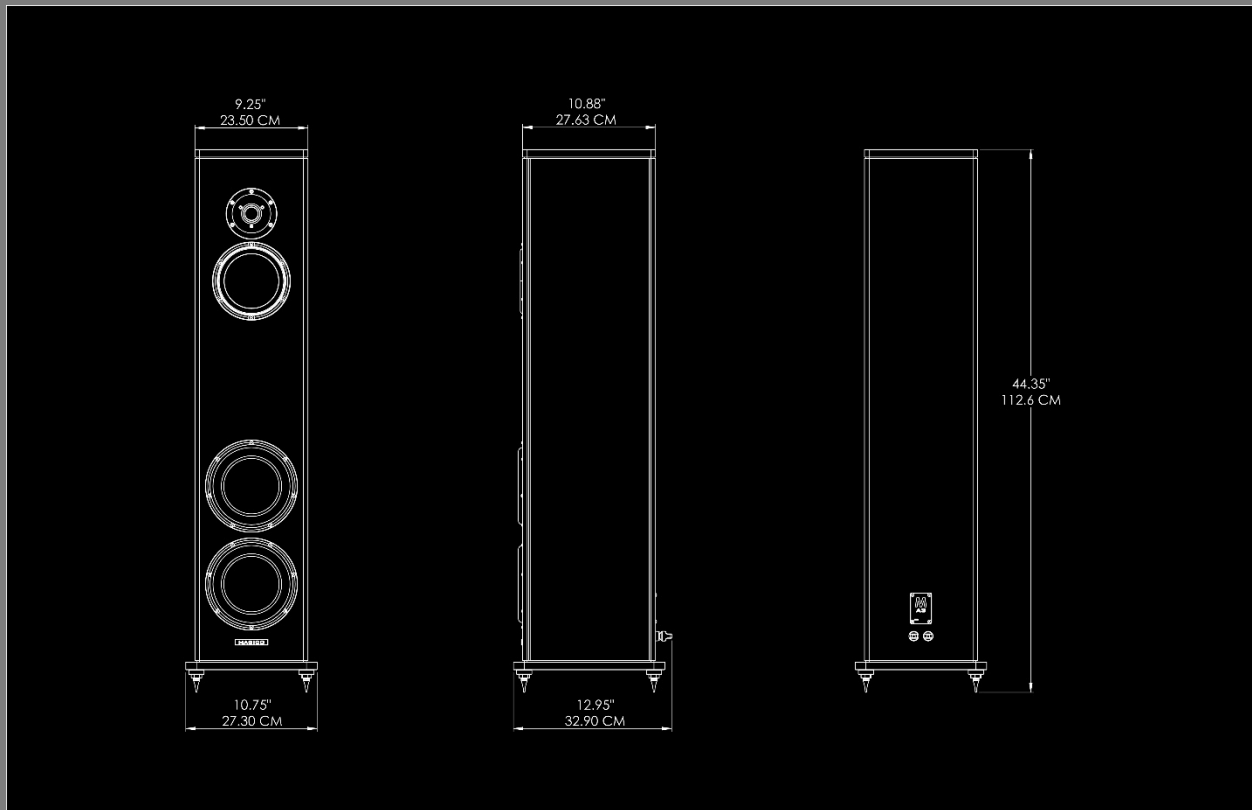


A Magico

The A3 is in design, execution and performance a Magico. Unapologetic. Uncompromising.

The Magico A3.

The impossible made possible.



Specifications:

Driver complements

Highs: 1" MB7 Beryllium Dome (X1)
 Midrange: 6" Midrange Graphene Nano Tec (X1)
 Bass driver: 7" Bass Graphene Nano Tec (X2)

Measurements:

Sensitivity: 88dB
 Impedance: 4 ohms
 Frequency Response: 22Hz – 50 kHz
 Minimum Recommended power: 50 Watts

Dimensions:

44"H x 11"D x 9.25"W (112cm x 27cm x 23cm)

Weight:

110 lbs. (50 Kg)

Suggested Retail Price:

MSRP US \$ 9,800.00

Ship date:

First Quarter 2018

For more information please contact Peter Mackay, V.P. Global Sales at Magico LLC.

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