

# MAGICO

## ASUB

Reference Quality Powered Subwoofer



HAYWARD, CA (USA) – May 1, 2019 – Whether in music or movie soundtracks - the rhythmic beat of deep powerful bass resonates with our inner core and generates excitement levels that can raise goosebumps.

Magico is proud to introduce the new ASUB which expands the sound dimension capabilities of the A3, the A1 or any other speaker with thundering low-bass frequency reinforcement. The ASUB features a fully braced aluminum enclosure, ultra-stiff aluminum cone, internal power amplification, electronic crossover and DSP control center.

A true Magico loudspeaker design offering superb performance with extensive control and uncompromised engineering deserving of the Magico M engraving.

### ENCLOSURE

The ASUB enclosure shares principles of the QSUB architecture with 3/8"-thick 6061 T6 aluminum, innovative internal bracing and advanced damping materials which are developed and evaluated both in simulation using FEA software and physical testing to meet the uncompromising standards of Magico as it relates to rigidity, stability and minimum acoustical contribution. The ASUB is available in an elegant anodized black brushed aluminum finish.

## BASS DRIVER

The ASUB utilizes a newly developed Magico 10-inch aluminum driver that has an ultra-stiff aluminum cone with an optimal stiffness to weight ratio. The driver is calibrated to minimize music related distortions in the low frequency range using latest state of the art FEA simulation of acoustics, mechanics, electromagnetic and thermal behavior which are now completed on a single platform which enhances the level of accuracy.

The front firing driver has an extremely powerful magnet assembly which is capable of generating deep, powerful, controlled bass frequencies with speed and accuracy. The pure Titanium 55mm voice coil motor system provides a super stabilized magnetic field with a long excursion rate and is capable of reproducing 50Hz at 110dB with minimal distortion.

## AMPLIFIER / CROSSOVER

The internal digital amplifier of the A-SUB delivers 500 Watts of purpose-built power. Seamless integration with the main loudspeakers in a stereo or home theater system is easily achieved with the onboard digitally-controlled active crossover and DSP control. The DSP software allows for perfect integration of the subwoofer and main loudspeakers operating together in the listening room. Other key features include 3-memory presets to store individual settings, auto-detect, auto-shutdown, anti-clip and thermal protection.

The relatively small footprint of the ASUB is capable of generating huge air pressure changes in the listening room and will provide incredibly deep, powerful bass with the speed and integrity of the main loudspeakers. The front firing design of the ASUB is easy to position in the listening room and will make an exciting sonic contribution to the overall sound performance of any system.

## SPECIFICATIONS

Dimensions :	18" H x 17.6" D x 14.5"
Weight:	108 lbs.
Driver complement:	1 x 10" Bass Woofer
RCA input impedance:	54 K Ohm
XLR input impedance:	44 K ohm
Frequency response:	20-120 Hz

## About Magico, LLC

Magico was created over a decade ago for the sole purpose of leading a no holds-barred assault on what is possible in contemporary loudspeaker design. Inspired by the unique vision of Industrial designer and accomplished musician Alon Wolf, every Magico product is designed against the true standard of perfect audio reproduction – live music. At Magico, we strive to lead in the creation, development, and manufacture of the most elegant and technologically advanced loudspeaker systems in the world. Each product expresses our passion to craft uncompromising devices that reveal the music as never before.

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