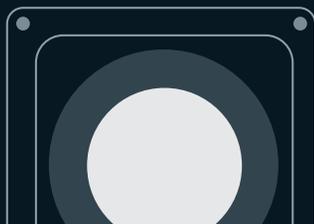


ASW

ACCURATE SOUND WAVE



MAGADIS

Outstanding sound qualities, and therefor, a reference for future loudspeaker generations, audibly, as well as design. To achieve this high goal, every detail must be considered. The cabinet is finished with the noblest veneers and lacquers. The shape is created by pursuing the principle "form follows function". The drivers are positioned on an arc to accomplish time alignment and provide a very focused and coherent sound.



MAGADIS

Network: 18 / 6 dB Impedance - linearized
Woofer: 2 x 220 mm Aluminium-Cone
SCAN SPEAK
Midrange: 2 x 130 mm Ceramic Cone
THIEL ACCOUTON
Tweeter: Air Motion Transformer
MUNDORF
Continuous power RMS: 350 Watts
Maximum power handling: 500 Watts
Frequency range: 23 - 35 000 Hz.
Sensitivity (2,83 V/m): 92,5 dB
Cut frequency: 200 / 3200 Hz
Suitable for ampl.: 4 - 8 Ohms
Impedance: 4 Ohms
Weight: 90 kg

Cabinet: plural layered interior, strutted and interlocked cabinet
Realwood finish / piano lacquered
Dimensions: Height: 1580 mm / Width: 330 mm / Depth: 490 mm
Utility: Speaker Base, Spikes included

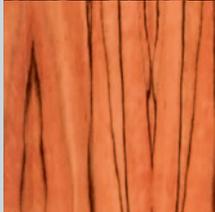




Makassar



Tineo



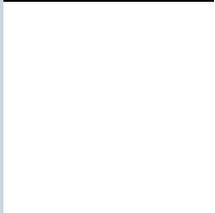
Figured Maple



Black



White



Colours available in lacquer and piano lacquered finishes. Other (optional) colours on demand

Each of the five drivers is working in a separate cabinet, and can work without being affected by the others. Both of the bass-woofers, (via supplied port stops), can be adjusted individually to change the tuning frequencies (in order to handle difficult room interactions). The double layered interior with a cabinet thickness up to 60 mm, both strutted and interlocked, excels through a combination of high absorption, vibration, and resonance control. Through this extreme expenditure and design consideration, cabinet noises are eliminated.



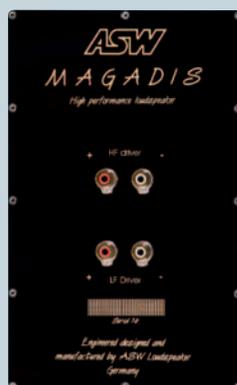
Only components with the highest sound quality were used. All parts are coming from the best high-end manufacturers of the world.



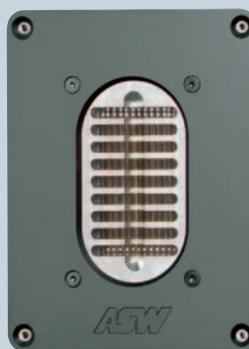
In the bass region, two 9 inch drivers from Scan Speak are utilised. They are equipped with a distortion free SD 1 motor, aluminium coated membrane, a 220 mm die-cast magnesium very stable and stiff basket, magnetic isolation, without magnetic losses, vented pole piece for ventilating the areas behind the dustcap, as well as a 50 mm kapton voice coil former, and are extremely heat-resistant and absolutely free from any whirl current losses.



In the critical midrange, two 5 inch Thiel-Accouton drivers provide ability for the highest resolution. A unique electrical-chemical production process is responsible for a very thin, stable shaped membrane made from Al₂O₃ (Aluminumoxid) Aluminumoxid is demonstrating a highly inner mute, unusual for such a hard material, for that very reason however, extremely important for a loudspeaker. These abilities are responsible for less coloration and minimal non linear distortion.



To avoid any signal losses from the amplifier, we are using "WBT" Next-Gen clamps. These can handle current of 200 Amps without any problems. This conductor is made from the purest copper, to create the lowest transition resistance. Highest criteria are required of inner cabling too. First choice was the neutral and repeatedly awarded cable of the Scottish manufacturer "ATLAS".



Because of the awesome impulse proportion and the unsurpassed poverty in distortion, in regard to upper frequencies, an air motion transformer was the first choice. The free and open sound of an air motion transformer is captivating. Cymbals are placed there where they should be in the soundstage and are coupled with faithfulness to detail in the recording. You can imagine with your eyes closed the dimensions of the venue as well what is happening on stage.



Without a carefully tuned crossover, even the best components can bring average performance only. Again, careful attention to detail allows the ASW Magadis to shine. With low ohm transformer core coils, distortion free air coils, and audiophile MKP capacitors from Mundorf, every part is selected with the utmost care and is supporting the entire concept. Accomodated in a separate air tight closed cabinet, the crossover is free of microphone influences.

ASW

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