ASW Lautsprecher GmbH

GENIUS 410

Neodym natural wood fiber membran

Technical specifications

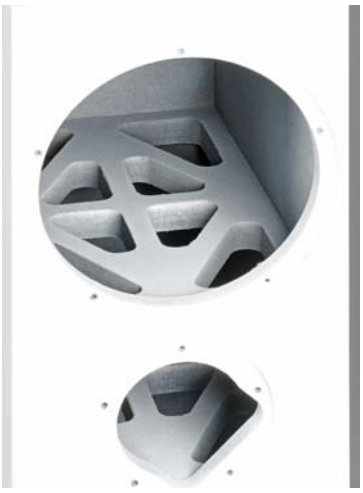
Network:	18 / 6 dB impedance - linearizes
Woofer:	2 x 180 mm natural wood fiber membran / Titan voice coil
Tweeter:	Ceramic tweeter
Continuous power RMS:	160 Watts
Maximum power hdl.:	200 Watt
Frequency range:	37 - 30.000 Hz
Sensitivity:	(2,83 V/m):90,5 dB
Cutting frequency:	1800 Hz
Suitable for ampl:	4 - 8 Ohms
Impedance:	4 Ohms
Weight:	25 kg
Size:	hight: 1060 mm / width: 230 mm / depht: 340 mm
Cabinet finish:	realwood / egshell / high glossy / strutet and interlocked cabinet
Assesories:	Spikes (inkludet)

GENIUS LINE

ASW is presenting a complete new developed Speaker series. All integrated materials of the new Genius series are based on qualitative criteria. High End technics combined with aesthetic and timeless design fuse to a harmonic one. Unbelievable bass experiences never expected by a speaker size like this and lively high frequency up to 30.000 Hz are building a spectrum of sound that enchants your sences and brings an illusion of a concert hall to your mind.

The tweeters of the new Genius product line has a leading-edge transducer technology packaged in cutting edge, stylistic designs. The finite element analysis designed a high power, high performance ceramic (neodymium-iron-boron NdFeB) motor that provides high output in a small footprint. The voice coils provide large linear motion and low distortion, ensuring a wide smooth frequency response that also reproduces low-level details in music. Copper caps in the motor system create a high frequency extension and lower intermodulation distortion. An aluminum rear chamber provides a very low resonance that provides very flexible system design capabilities, by keeping the resonance of the tweeter well below the tweeter crossover frequency.

The full-range drivers used in the new Genius series feature an innovative sculpted, open cast aluminum basket design that minimizes internal acoustic reflections. These bass drivers are built with natural wood-fibre cone and dust cap with proprietary coating formulas & processes yielding high clarity products. The Penta-cut NRSC technology minimizes frequency response problems associated with cone resonances. New Spider technology based on advanced geometry and materials offer excellent consistency and durability. A newly designed motor with Copper Caps creates high frequency extension and lower intermodulation distortion. The motors on the woofer models are vented NDFeB with heat sinks built in to frames – high force factors and excellent power handling.



The cabinet of the new Genius speakers are reinforced and strutted to reduce possible resonances of the cabinet and to avoid only the generated frequencies as wished.
Beside the clean and timeless design the cabinet maintained also the correct radiations.
One of ASW biggest advantage is the possibility to choose out of more then 15 different lacquers and veneers. This is of course also typical for the new Genius series.

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