

Magnat

Quantum 753

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very good



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Magnat's Quantum 753: A bundle of joy

Magnat, the audio specialist from Pulheim, is offering attractively priced speakers in its Quantum 750 series which are suitable for home cinema and hifi applications. AV-Magazin placed the smallest model, namely the Quantum 753, under the microscope.

Five different speakers are currently available within the Quantum 750 series. Besides the two Quantum 757 and 755 floor-standing speakers the product range also includes the Quantum Center 73 and the Quantum 731A active subwoofer. The Quantum 753 compact speaker tested here is suitable for use in a stereo configuration for compact living areas or as a satellite speaker in a home cinema setup.

Measuring 36 cm tall and 19 cm wide, the 9.2 kg speaker can be easily accommodated at any location in the living room. To ensure optimum harmony with the interior décor, Magnat offers the speaker in three different colours. You are able to choose from a black, mocha-brown or white finish. The baffles are provided with a high gloss finish on all models. In addition, a wide shadow gap between the front and rear body generates a distinct visual appearance. In order to provide an optimum housing for the chassis Magnat has constructed a very sturdy and low-resonance cabinet consisting of thick MDF panels. This ensures low material vibrations during operation, which particularly improves the sound quality in the bass and fundamental range.

A two-way system is utilised for effective transmission of the sound. This system consists of a large 17 cm bass-midrange driver and a small 25 mm dome tweeter. The crossover frequency is 2,800 hertz. Deeper ranges are converted via a conical aluminium/ceramic cone. Magnat ensures a high degree of level stability and playback quality thanks to a double magnet system and ventilated voice coil. The tweeter features a curved fabric cone, which is also driven by a

double magnet. To reduce the risk of pressure building up internally the tweeter has been equipped with a damped pole piece hole. This vents the drive section, which promotes a stable reproduction of the sound.

During the listening test the compact speaker was compelling with a sparkling and dynamic sound. The tonal coordination is rather bright, making it ideally suited to damped living rooms with curtains and carpeted floors. This setup ensures female vocals are reproduced in an expressive manner. The bass sounds precise and slender, which provides the Quantum 753 with a spirited character. The 17cm cone excels in the bass range with its optimum fine dynamics, which has a particularly positive effect on the jazz sampler by DMP.

Magnat's Quantum 753 offers excellent sound quality despite its compact dimensions. The elegant speaker generates an impressive performance with a high resolution and dynamic degree of enthusiasm. In addition, the high-quality material and workmanship make the Quantum 753 a desirable addition to your living room, which will provide you with many years of enjoyment.



The rear of Magnat's Quantum 753 offers a four-pin terminal area, which enables either a bi-wiring or bi-amping configuration.