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Digitale Receiver im Test

NEU!

Magnet[®] Quantum 700 Set

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sehr gut

Magnet Quantum 700 Serie

TESTERGEBNIS

sehr gut

PREIS/LEISTUNG



Quantum 716



Quantum 730A



Quantum 703

Price/performance „very good“

Quantum 700 Set

Home cinema – Magnat



Magnat®

"For anyone setting up a home theatre system the choice is usually: the correct AV receiver, a compatible TV or preferably a projector and of course the speakers. Magnat manufactures an amazing home theatre system for a living room measuring between 15 and 30 square metres - the Quantum 700 series ...

Workmanship

The sober facts of the speaker are immediately striking shortly after unpacking. A classic two-way bass reflex construction. But on closer examination it quickly becomes apparent that the side walls of the speaker are not parallel. The speaker housing narrows somewhat to the front. This design is not only a visually unique selling point, but, according to the manufacturer, it also has an effect on acoustic transmission. A positive feature for the sound emitted by the tweeter is the felt-coated 25-millimetre tweeter unit, which catches the



eye immediately after removing the front cover. As so-called edge reflections normally develop in tweeters at certain frequencies, a star-shaped cover has been used to counteract the effect. The felt has the simple task of preventing these reflections and absorbing unwanted sound discoloration.

Configuration

The 17 centimetre bass-midrange has been manufactured from a ceramic-aluminium composite material, which is designed to guarantee high rigidity. The purpose of the softly suspended cone is to make the air in the home theatre vibrate properly. The speaker, which is available in three colours (black, silver and white) as well as a cherry veneer, comes with home-theatre-friendly magnetic shielding. A glimpse at the rear reveals the solid connecting terminals, which also allow bi-wiring/bi-amping operation. The specially shaped bass reflex tube also has a deeper significance. Special computer calculations have been used to select a shape similar to that of a trumpet, which is designed to prevent flow noise at high volumes. At the heart of the speaker is a well thought-out and assembled crossover, which is typical of Magnat.



Sound quality

The good sound level is striking from the very first listen - without a calibration function or other audio setting. The speaker operates down to the mid-bass range in stereo mode. Ensuring a correct setup and some air behind the bass reflex tube enables the speaker to demonstrate its strong bass qualities in an accomplished manner. The listener isn't only pampered with a solid bass, but also pure and unadulterated highs. The Quantum 703 operates in the upper frequency range in a composed and neutral manner and is never annoying. It reinforces the impression of the good calibration level and a well thought-out design which really pays dividends. The centre speaker Quantum Center 716 makes up the heart of the home theatre system. Similar to the 703 model it offers good audio qualities for the central component of a cinema system. As a bass speaker and neighbour's favourite the Quantum 730 A provides plenty of steam from 200 Hertz and below. The solid subwoofer generates deep octaves in an accomplished manner and it even responds quickly and impressively to pulsating volumes. A full 400 watts of sine power ensures composed reserves in the bass range. The 5.1 listening tests allow the user to get a favourable setup easily without automatic calibration. The well-coordinated speaker set is now able to show its true colours. The stereo impression is continued one to one in multi-channel operation. Supported by the centre speaker and subwoofer the set also generates a wonderful bandwidth and staggering depth in addition to the lofty highs and solid bass levels. In terms of spatial representation and neutrality the Magnat Quantum speakers also provide a faithfulness to the original which is rather unusual in this price class. These properties particularly pay off in multi-channel operation. This makes the surround sound experience a real enjoyment...

Solid as a rock

Anyone searching for high sound quality, clean workmanship and a solid configuration need look no further than the Magnat Quantum. The speaker promises a pleasant representation, immaterial whether it's in stereo or multi-channel operation. A search for annoying highs and muffled droning is one conducted in vain. What is ensured is a flawless sound experience that never becomes negative, even after extensive listening. Thanks to the clean calibration between speakers, subwoofer and centre unit the Magnat speakers are in a league that is simply upper class. Anyone looking for the right entry model into the multi-channel world will get a lot of enjoyment from the Magnat speakers."