

**HiFi
Test**
TV•VIDEO
HEFT 5/2008



Magnet Quantum 600
Oberklasse
Preis/Leistung:
sehr gut **1,2**

Magnet

Quantum 600 Set



Quantum Center 613



Quantum 603



Quantum 630 A



Quantum 605

TOP CLASS

Price/Performance: very good

Magnat

Quantum 600 Set

"Magnat 5.1 home cinema system with Quantum 630A subwoofer

We have already tested the Quantum 605 standing speakers in HIFI TEST TV VIDEO issue 2/2008. The superb bass reflex speaker has now been supplemented with two small Quantum 603 shelf speakers, a Quantum Center 613 and the brand new 630 A downfire subwoofer, whose powerful amplifier and 300 mm woofer ensures plenty of punch in the bass range.

We chose the cherry finish with shiny black baffles, which showcases the speakers in a stylish, elegant light (the cabinets are also available in a beech or black finish with silver lacquered front). When the magnetically attached front panels are removed the standing and centre models exhibit two silvery-white shimmering midrange speakers, which are positioned either side of a felt-covered tweeter. In contrast, the small speaker for providing the rear sound is equipped with just a woofer chassis at its front. A brand new addition to the Quantum family is the stunning 630 A subwoofer, which is designed in a downfire configuration and equipped with a superb long-stroke woofer.

Sound

The speakers feel very comfortable in our large home cinema setup, which is due in no small part to the new Quantum 630 A subwoofer. This performs in a lively and spirited manner and it is pleasing through its forceful performance, which produces good pressure levels in the deepest of bass frequencies. This extremely stable bass foundation is used by the satellite speakers of the Quantum 600 system to compose its vivid sound pattern, which seamlessly complements the sound produced by the subwoofer thanks to the double bass assembly of the 605 standing speakers. The front speakers effortlessly keep up with the deep bass specialists even at high volumes. The 613 centre speaker and the 603 rear speakers are freed up to concentrate on the frequencies above 80 hertz, which is where they come into their own. Magnat's speaker ensemble impressed us with a very homogeneous representation that made the special acoustic effects in "I, Robot" extremely easy to follow. The sound patterns produced are the same for all participating speakers and there is no dimensional change caused by moving cars or flying objects. When the demolition robot roared into action it almost seemed as though the destruction scene was physically in our home cinema. The Magnat Quantum sextet performs so

powerfully that we are shaken about in our sturdy seats! But even in scenes that are not quite so hectic and dominated by dialogue the 5.1 set turns in a convincing performance through a precise rendition and very good speech intelligibility with natural-sounding vocals.

Laboratory

The Quantum 605 standing speakers are well balanced over the entire frequency range and there is only slight evidence of an anomaly in the form of a narrow band dip at approximately 7,000 Hertz. The dispersion properties are also good to the side of the main axis, which means that the speakers don't necessarily have to be directed to the listening area. The small Quantum 603 shelf speaker doesn't want to be outdone and it produces similar results to its big brother, however it is just not quite as blessed in terms of its bass levels and degree of efficiency. The new Quantum 630 A subwoofer shines through its very good bass levels and it is in its element from 30 hertz. Overall, our lab results confirm the excellent development work carried out by the technicians from Pulheim.

Conclusion

The Magnat Quantum 600 series has become a successful speaker family, whose excellent tonal characteristics, beautiful design and high quality vie for the affection of the purchaser. Moreover, the workmanship of the Cologne speakers is completely flawless, which is ultimately acknowledged by our well-deserved HIFI TEST TV VIDEO "price tip" award. „



Optimal: The newly designed plastic basket with carbon fibre reinforcement provides an ample air supply. The wide rubber surround and the 30 mm voice coil also enable high volume levels.

Contact search: The high-quality terminals are equipped as standard with robust cable bridges, which can securely accommodate both tailored and loose cables and also enable bi-amping or bi-wiring operation. The aerodynamically optimised bass reflex tubes don't produce any static noise even when operated at high levels.



Magnat Quantum 600

Vertrieb: Audiovox, Pulheim
 Telefon: 0 22 34 / 80 70
 Internet: www.magnat.de
 Garantie: 3 Jahre (Lautsprecher) / 2 Jahre (Elektronik)

Laborbericht

Beleuchtete Tiefenigenschaften des Subwoofers, der mittels bis deutlich unter 30 Hz hinreichend. Durch die folgende D'Appalizio Anordnung des Centers kommt es zu Einbrüchen bei der 15- und vor allem 30-Grad-Messung. Auf Achse spielt er dagegen tadellos.

Klang	70%	1,2	★★★★★
Dynamik/Lebendigkeit	15%	1,1	★★★★
Tiefbasseseigenschaften	15%	1,1	★★★★
Tonale Ausgewogenheit	10%	1,3	★★★★
Detailaufbau	10%	1,3	★★★★
Zusammenspiel	10%	1,1	★★★★
Hörzone Center	10%	1,5	★★★★
Labor	15%	1,2	★★★★★
Frequenzgang	5%	1,6	★★★★
Verzerrung	5%	1,1	★★★★
Pegelempfindlichkeit	5%	1,1	★★★★
Praxis	15%	1,2	★★★★★
Verarbeitung	5%	1,4	★★★★
Ausstattung	5%	1,1	★★★★
Bedienungseinfachheit	5%	1,2	★★★★

Bewertung

- + druckvoller Klang
- + hervorragender Subwoofer
- + gute Ausstattung

Note

Klang	70%	1,2	★★★★★
Labor	15%	1,2	★★★★★
Praxis	15%	1,2	★★★★★

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