

AUDIO

"...Right at the top is the Quantum 727 from Magnat. It is simply the most complete loudspeaker we have come across in this selection - all the fine values are spot on!"



Magnat
QUANTUM 727



TEST FIELD:
"DALI SPEKTOR 6
ELAC UNI-FI FS U5
INDIANA LINE DIVA 650
MAGNAT QUANTUM 727
PSB IMAGINE X2T

Magnat

Lise-Meitner-Str. 9 · 50259 Pulheim · Germany · www.magnat.de



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Hard and soft - this concept is followed by the complete Quantum range from Magnat. Or to get to the deeper facts: The "hard" aluminium chassis in the deep bass range is always countered by a "soft" tweeter. In our 727 test model, a 30 mm fabric dome tweeter vibrates at the top. Placed around the tweeter is a delicate horn indentation, known as HRH - "Harmonic Radiation Horn". In addition, the entire structure is cooled with ferrofluid.

A lot of fine details

The three accompanying chassis are evidently identical in design, all with a diameter of 117 cm. However, the top membrane is, with its own impedance, designed solely for the reproduction of the mid-tone ranges, with the appropriate transfer frequency at 280 hertz, while the tweeter starts up at 3,200 hertz. The subwoofer, like the woofer, vibrates with a membrane made of aluminium, coated with ceramic material on both sides. Something else that stands out when looking at the details: Magnat has rounded the enclosure to the rear, which is designed to make the structure less prone to resonance.

Added to this, there are further subtle features, like an impressive bi-wiring terminal and magnetic mounting bracket for the front cover. Something's not right here. All of the externally recognizable signs come from a higher price category. How does Magnat manage the profoundly reasonable pricing? Again, it is due to a well-known effect: Conceived in Germany, made in China. This works astonishingly well, as you can hear from this loudspeaker, in particular. In the first test, we felt like some film music - we put on the title song to "Live And Let Die" by Paul McCartney - dynamic music with show effects. The Quantum 727 loved it. Above all, it doesn't tend towards compromise. Wonderfully impetuous the way the brass section comes in, for example. How does the 727 fare with quieter tones? We opt for a live recording by Leonard Cohen. On his "Songs From The Road" album, he starts with his classic, "Suzanne". Only him and a guitar. A show speaker would fail here. But not the Quantum 727, which displays huge sensitivity for the micro-dynamic moments. It was spot on: The deep, wise voice of the master, plus the picked guitar strings at the highest level of perfection: it soon became clear to the listening team: This speaker performs far above its price class.

And grand opera to conclude - "Peter Grimes" with the recording by Bernard Haitink (EMI) As the sea rages, the soloists and choir launch into tremendous tableaux. The Quantum 727 was able to present every kind of fine dynamic movement and emotion. An analytical loudspeaker that provides pleasure and desire. There are many positive values that secure the winner's podium for the Magnat.