

stereoplay

"A picture-book XXL speaker! Extremely strong bass, though pleasantly balanced and never sluggish, this impressive floor-standing speaker caters for the most varied demands."



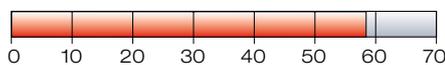
Magnat

QUANTUM 759 T.O.T.L.

stereoplay 03/2016

stereoplay Testresult

Sound absolutely Top class 58



Total result 78 Points

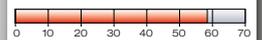
Price/performance very good



Magnat

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White giant

In the Quantum range, Magnat focuses on efficiency. The imposing 759 provides impressive proof.

Top of the Line: Magnat has affixed this seal to the largest of its Quantum loudspeakers. And certainly not without good cause! In terms of dimensions, the speaker certainly grabs the top spot on account of it even towering a good bit over the DALI Opticon 8.3, which is also very generously dimensioned. Being taller than "one twenty" is also an imposing size for a fully-fledged floor-standing loudspeaker, a reminder of the good old days when half the living room was filled with home-made speakers. Although the DALI is a few centimetres deeper and a good 2 kg heavier, in the end the mighty front of the Magnat makes a distinctly greater impression. The 3 cm thick baffle with an offset joint and the solid, good 3 1/2 cm thick base plate reinforce this impression even more. There's no question that the Magnat Quantum 759 T.O.T.L. candidate has mastered the subject of the "XXL floor-standing speaker" in an exemplary manner.

Well equipped

In terms of being well-equipped, only the Opticon can be seen as a serious competitor. Fitted with two 200 mm subwoofers, a 170 mm midrange driver and a 25 mm dome tweeter, Magnat does not have to fear any opposition. With this three-way/double-bass system, the speaker achieved an impressive core acoustic pressure level of 87.5 dB in the laboratory, which can certainly cause a bit of hassle with the neighbours. Qualities like this do not appear out of the blue, it can only be achieved by years of diligent development work.

And this is evident at Magnat in numerous details. Subwoofers and woofers consist of a ceramic-aluminium dome with Klippel-optimised geometry driven by specially aligned magnet systems. A sophisticated ventilation system for the voice coils and the open design of the cages ensure that the drivers do not get into a sweat even under permanently high loads and easily cope with loud input levels. The treble range above 2.8 kHz is taken care of by a high-efficiency 1 inch fabric dome that is coated with a damping material and, in technical terms, has its own small housing at the back, designed in the form of a pole core hole. To split the input signal three ways with the correct level and time alignment, the greatest importance has been attached to in-phase and in-amplitude transitions for the crossover. The control of the midrange driver, in particular, is a feat of circuitry with several interconnected elements. The practical test then shows that Magnat is also able to merge these technical achievements to produce a coherent whole.

A Quantum Bass

At moderate volume, it was very restrained and did not yet want to display its qualities - it first had to be brought out of its shell. It then got going at higher levels, revamping an old classic: The "Money For Nothing" album, released in 1988 and reworked in 1996, with the most successful titles from Dire Straits was in the CD tray. The very start of the first number "Sultans Of Swing", a powerful strike on the snare drum, swept everyone from their seats. Then the spotlight was mainly on bass player John Illsley: The two subwoofers performing up to 330 Hz made him stand out in a powerful but also incredibly precise manner, just as

you would expect from such an imposing, well-built speaker. Unfortunately, the stage presence of Mark Knopfler was not so stable from the start.

However, this was solved quickly and effectively by reducing the base width. So a bit of care is needed when setting up the Quantum. Following this album, the verdict had really already been cast and this didn't change any more after listening to a few more albums. With the Magnat Quantum 759 T.O.T.L., you will be bringing a highly efficient and yet well-balanced fun speaker into your home - much to the chagrin of any neighbours.