

Magnat

Quantum 757



stereoplay Test result

Sound

Top Class

55 Points

Test result

good - very good

73 Points

Price/Performance

outstanding

Magnat

Quantum 757

Flying high

"Soft or dynamic, high-resolution or warm: Does the tweeter decide the character of a speaker? The variety of designs is amazing and manufacturers are now offering the finest technology for around € 2000.

Do the ancient pearls of wisdom regarding a high-resolution ribbon and dynamic horn still apply? Magnat's developers don't battle with such issues - they simply incorporate a classic one-inch fabric dome in the new Quantum 750 series. This is not just any tweeter, however, as it's a compound cone consisting of two different types of fabric, which is designed to optimise both internal damping and rigidity. Thanks to the powerful drive, the dome is not subjected to excessively steep separation, which benefits the phase characteristics. The sound guide ensures a consistent dispersion pattern, however it is too flat for a significant increase in the sound pressure. Even though the 757 accommodates three seemingly identical cone chassis, it functions as a fully-fledged 3-way system and provides a genuine separation between the bass and mid-range in order to keep intermodulation distortions as low as possible, even in the event of a high load. The aluminium/ceramic cones, each of which measures 17 cm in diameter, are optimised for both purposes; the cones in the drive, however, are different.

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Magnat's offering avoids focusing its attention on specific details, however, despite its rather quiet fundamental character, it is able to rock out with Mark Evans' "Truth Be Told". It is even capable of mastering difficult recordings like Katie Melua's "Shy Boy" without any intrusiveness or acrimony. It also imparts a sense of warmth and coziness to proceedings."



To make the housing more rigid several generously sized struts have been used. The sound guide can be recognised in front of the dome tweeter.

In the test field: Magnat, Martin Logan, Monitor Audio, Triangle