

QUANTUM 1000 S



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Quantum 1009 S

Quantum 1003 S

Quantum 1000 S Center

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HIGHLIGHTS

Woofer & midrange:

- Generously vented die-cast aluminium basket to prevent turbulence and compression effects
- Distortion-optimised magnet system with double induction rings and stray field optimisation
- Kapton voice coil for the woofers to minimise eddy current loss
- „Controlled Flexing Cone“: Cone geometry for controlled dispersion of bending waves in the midrange, and with it the capability to reproduce a greater bandwidth
- High cone rigidity ensured by inverse ceramic/aluminium dust caps for the woofer and midrange
- Sophisticated voice coil ventilation for a particularly high degree of resilience

Tweeter:

- High-end dome tweeter with a particularly wide surround for optimised dispersion characteristics at frequencies above 20 kHz
- Solid aluminium front panel with computer-optimised sound guide
- Particularly lightweight cone construction consisting of semi-crystalline polymer (PTFE) for maximum efficiency
- Copper cap-optimised drive system for minimum distortion
- Generous ventilation of the magnet system with low natural resonance

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HIGHLIGHTS

Crossover:

- 24dB LKR topology with audiophile coils and polypropylene capacitors
- Crossover mechanically isolated from the cabinet
- Crossover on 2 separate circuit boards to optimise bi-wiring operation (1009 S)
- Large, connecting plate with gold-plated speaker terminals encapsulated in acrylic
- Bi-wiring and bi-amping option, supplied with cable bridges for single-wire operation
- High quality internal wiring from OEHLBACH®

Cabinet:

- Sturdy MDF cabinet with low-resonance baffle
- High quality glossy finish
- Double-walled side panels with varying material thickness to reduce cabinet resonance
- Extensive bracing inside the cabinet
- Resonance-absorbing supports behind all cone chassis
- Two (1009 S) specially coated Airflex ports with aerodynamically rounded openings ensure an optimum bass response without ambient noise
- Detachable fabric grille with optimised acoustic transmissivity and concealed magnetic mounts
- M8 thread insert for cabinet feet, resonance-absorbing, threaded rubber feet for optimum floor protection included

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Quantum 1009 S

Principle 3 way, bass reflex

Equipment 2 x 8" woofer
1 x 6.5" midrange
1.2" dome-tweeter

Power Handling (RMS/Max) 330 / 620 watts

Impedance 4 - 8 ohms

Frequency Response 17 - 75.000 Hz

Crossover Frequencies 470 Hz / 3.100 Hz

Recommended Amplifier Output from 30 watts

Sensitivity (2.8V/1m) 94 dB

Cabinet surface Piano black
Piano white

Dimensions 275 x 1250 x 390 mm

Weight 51,4 kg

Piano black ART. NR.: 147 144/EAN: 40 18843 47144 0
Piano white ART. NR.: 147 145/EAN: 40 18843 47145 7

Quantum 1003 S

Principle 2 way, bass reflex

Equipment 6.5" midwoofer
1.2" dome-tweeter

Power Handling (RMS/Max) 150 / 230 watts

Impedance 4 - 8 ohms

Frequency Response 27 - 75.000 Hz

Crossover Frequencies 2.800 Hz

Recommended Amplifier Output from 30 watts

Sensitivity (2.8V/1m) 91 dB

Cabinet surface Piano black
Piano white

Dimensions 230 x 360 x 315 mm

Weight 11,4 kg

Piano black ART. NR.: 147 140/EAN: 40 18843 47140 2
Piano white ART. NR.: 147 141/EAN: 40 18843 47141 9

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Quantum Center 1000 S

Principle 2 way, bass reflex

Equipment 2 x 6.5" midwoofer
1.2" dome-tweeter

Power Handling (RMS/Max) 180 / 280 watts

Impedance 4 - 8 ohms

Frequency Response 27 - 75.000 Hz

Crossover Frequencies 3.000 Hz

Recommended Amplifier Output from 30 watts

Sensitivity (2.8V/1m) 92 dB

Cabinet surface Piano black
Piano white

Dimensions 586 x 205 x 315 mm

Weight 15,5 kg

Piano black ART. NR.: 147 148/EAN: 40 18843 47148 8
Piano white ART. NR.: 147 149/EAN: 40 18843 47149 5