Q Acoustics 5000 Series

Ahead of the curve

Q Acoustics' new 5000 loudspeaker series showcase advanced C3™ Continuous Curved Cone® design

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The new 5000 stereo and home cinema loudspeaker series from Q Acoustics redefines how a speaker can sound and look. Showcasing genuine advancement in driver design, the introduction of the leading-edge C3™ Continuous Curved Cone® profile in the mid/bass driver elevates the 5000 series beyond its class, while also inheriting innovative cabinet and driver technology from the company's flagship Concept range for an exceptional sonic performance. The 5000 series brings sophistication to any listening room with its contemporary and minimalist design lines.

Positioned between the award-winning 3000i range and newest Concept series models, the 5000 family is comprised of the 5010 bookshelf, 5020 standmount, 5040 mini floorstander, 5050 large floorstander, with the 5090 centre-channel completing the line-up for a home cinema speaker set-up.

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5000 series audio innovations include:

- C3™ Continuous Curved Cone® design in the mid/bass driver ensures smoother high-frequency integration with the tweeter and superior bass dynamics
- Sophisticated, clean and contemporary design with dark acrylic baffle motif mirrors the minimalist C3™ cone profile
- Arrives in four stylish finishes: Satin Black, Satin White, Santos Rosewood and Holme Oak
- High-frequency driver is fully hermetically sealed and mechanically isolated from the front baffle to protect from internal cabinet pressure and resonances from the mid/bass driver
- Ground-up mid/bass and tweeter driver design delivers increased power handling
- Point-2-Point™ (P2P) internal bracing stiffens the cabinet to minimise lower frequency vibrations, while focusing stereo imaging and improving soundstage.
- Helmholtz Pressure Equalisers (HPE™) reduces internal pressure and standing waves (5040 and 5050 models only)

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C3™ Continuous Curved Cone® design

A genuine advancement in elements of mid/bass driver design, the C3™ Continuous Curved Cone® profile is the result of extensive research and expert engineering to combine the bass performance benefits of a traditional straight conic cone with the high/mid-range frequency control of a flared cone.

By creating a single, smooth, continuous curve profile, the advantages are manifold. Firstly, its excellent dispersion, alongside its well-controlled frequency response, enables smoother integration with the tweeter. Bass dynamics are also superior, with this tighter, damped low-end sound allowing more flexibility in placement of speakers near the wall boundaries of the listening room. Harmonic distortion is also reduced, ensuring the 5000 series loudspeakers delivers a sonic performance that belies its mid-range ranking.

The C3™ profile has successfully addressed shortcomings in one of the basic geometrical elements of drive unit design to deliver the best characteristics of both straight and flared cones.

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Technical specifications*

	5010	5020	5040	5050	5090
Bass unit	1 x 110 mm (4.3in)	1 x 125 mm (5.0 in)	2 x 125 mm (5.0 in)	2 x 150 mm (6.9 in)	2 x 110 mm (4.3 in)
Treble unit	1 x 25 mm (1.0 in)	1 x 25 mm (1.0 in)	1 x 25 mm (1.0 in)	1 x 25 mm (1.0 in)	1 x 25 mm (1.0 in)
Frequency response (-6dB)	56Hz - 30 kHz	53 Hz - 30 kHz	39 Hz - 30 kHz	TBC	57 Hz - 30 kHz
Nominal impedance	6 Ω	6 Ω	6 Ω	TBC	6 Ω
Minimum impedance	3.3 Ω	3.3 Ω	2.9 Ω	TBC	3.2 Ω
Sensitivity (2.83V @ 1kHz)	86.3 dB/w/m	87.9 dB/w/m	91.5 dB/w/m	TBC	90.5 dB/w/m
Recommended amplifier power	15-90 W	25-100 W	25-150 W	TBC	25-150 W
Crossover frequency	2.5 kHz	2.5 kHz	2.5 kHz	TBC	2.1 kHz
Distortion (120Hz - 20kHz, @2.83Vrms)	TBC	TBC	TBC	TBC	TBC
Effective volume	5.0 L	6.8 L	27 L	39.7 L	7.8 L
Dimensions HxWxD (per loudspeaker)	264 x 160 x 263 mm (10.4 x 6.3 x 10.4 in)	284 x 180 x 293 mm (11.2 x 7.1 x 11.5 in)	Inc spikes and stabiliser: 967 x 361 x 293 mm (38.1 x 14.2 x 11.5 in)	Inc spikes and stabiliser: 1017 x 386 x 336 mm (40.0 x 15.2 x 13.2 in)	164 x 430 x 243 mm (6.5 x 16.9 x 9.6 in)
Weight (per loudspeaker)	5.6 kg (12.3 lbs	7.0 kg (15.4 lbs)	18.0 kg (39.7 lbs)	TBC	8.5 kg (18.7 lbs)

***Specifications are not final and are subject to change.**

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