



OBSESSED WITH HIGH RESOLUTION

Q SERIES

Now with more depth and more clarity

The rich reward of high resolution sound is to experience the intensity of the original performance in one's own time and space. Since its founding, KEF has strived to create high-performance speakers with superior acoustic quality that can reproduce recordings naturally and accurately, making them sound just like the original performance.

First introduced in 1991, the multiple award-winning Q Series has been one of KEF's most popular series and aptly expresses the KEF philosophy. Q Series speakers have long delighted music lovers and audiophiles with outstanding sound quality and innovative design. With the latest enhancement in acoustics and design, the 8th iteration of Q Series brings high resolution sound with more depth and more clarity.

Fit for any room

Within the Q Series range are speakers for different rooms and spaces all capable of delivering superior sound. The range includes two versatile and high performance bookshelf speakers and bold floorstanders featuring Uni-Q and long-throw bass drivers as well as two matching ABRs (Auxiliary Bass Radiators). For Home Theatre, a compellingly articulate centre speaker is available. One can easily select from the Q Series range of speakers to fit room, budget, and taste.

"Sit-anywhere" Uni-Q sound

The signature KEF Uni-Q driver array places the tweeter in the acoustic centre of the bass/midrange cone, bringing the acoustic ideal of a single point source closer than ever to realisation. Uni-Q delivers a more detailed, accurate and beautifully integrated three-dimensional sound image, which is dispersed more evenly throughout the room than is possible with any conventional speaker. Uni-Q's ultra-wide dispersion is further enhanced through KEF's 'tangerine' waveguide over the tweeter dome. With the addition of the Damped Tweeter Loading Tube providing a gentle termination of the sound from the back of the tweeter, lower treble performance is improved dramatically and a new low-distortion inductor on the crossover provides cleaner bass.

Acoustic excellence from the top

The three Q Series floorstanders, Q550, Q750 and Q950, have a broad range of acoustic enhancements in line with their size and cabinet shape. Low-frequency drivers now have a larger roll surround, along with a new rear suspension to produce cleaner bass at high volumes. A new cone structure improves midrange clarity, and an enhanced ABR with a new surround and rear suspension delivers better controlled and more impressive bass.

The closed box midrange cabinet design for floorstanders and the centre channel reduces the load on the Uni-Q midrange cone, increasing clarity



and detail while delivering cleaner, punchier bass. Midrange clarity is enhanced again through improvements to the mid-bass driver that allowed the DC blocking capacitor to be eliminated. Its removal also created a more natural bass roll-off between the drivers.

The Z-flex surround provides the extreme excursions needed for strong bass without sacrificing the smooth surface that disperses higher tweeter frequencies. The same rigid aluminium cone found in the Uni-Q handles the bass too, with a driver designed to minimise resonance using a vented magnet assembly on a rigid metal chassis, while a 50mm voice coil offers incredible power handling. Every drive unit's performance envelope is so wide, only first order crossovers are needed for maximum acoustic transparency and inaudible transitions. This attention to detail extends to detail design, with gold plated terminals providing only the cleanest signal transmission.

The two bookshelf speakers, Q150 and Q350, feature a Computational Fluid Dynamics (CFD) port design with the port repositioned to the rear of the speaker. Clarity is improved by reducing the audibility of midrange leakage through the port. The positioning of the Uni-Q driver has been shifted towards the middle of the cabinet, reducing unwanted internal resonance and adding refinement to sonic clarity and detail.

Elegance by design

Designed to meld seamlessly into any home, all Q Series speakers feature a clean, contemporary, and minimalist design. A satin finish to the exterior surfaces imbues them with a premium glow, while their seamless baffle gives them a refined finish.

Features:

- Uni-Q 'single point source' driver array disperses clean and accurate sound more evenly
- Damped Tweeter Loading Tube for detailed and natural HF performance
- Floorstanders and centre speakers (Q550, Q750, Q950, Q650c):
 - Closed-box midrange cabinet to reduce the load on Uni-Q driver for less distortion
 - Low-distortion inductor on crossover
 - LF driver and ABRs (Auxiliary Bass Radiator) for deeper and tighter bass reproduction
- Bookshelf speakers (Q150, Q350):
 - Centrally-positioned driver reduces resonance and improves clarity
 - CFD port design at rear of speaker improves bass performance and midrange accuracy
- Seamless baffles with magnetic grilles
- Available in black and white satin matte finishes

Specifications

				
Model	Q150	Q350	Q650c	Q50a
Design	Two-way bass reflex	Two-way bass reflex	Two and a half-way bass reflex	Two-way Closed Box
Drive units	130mm (5.25in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF	165mm (6.5in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF	165mm (6.5in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF 165mm (6.5in.) Hybrid aluminium LF 165mm (6.5in.) aluminium ABR	130mm (5.25in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF
Frequency range Free Field (-6dB)	47Hz-50kHz	42Hz-50kHz	55Hz-50kHz	96Hz-19.5kHz
Frequency Response (±3dB)	51Hz-28kHz	63Hz-28kHz	64Hz-28kHz	105Hz-18.5kHz
Crossover Frequency	2.5kHz	2.5kHz	2.5kHz	2.5kHz
Amplifier requirements	10-100W	15-120W	15-150W	10-100W
Sensitivity (2.83V/1m)	86dB	87dB	87dB	86dB
Maximum Output	108dB	110dB	110dB	106dB
Nominal impedance	8Ω (min.3.7Ω)	8Ω (min.3.7Ω)	8Ω (min.4.2Ω)	8Ω (min.4.6Ω)
Weight *	5.6kg (12.3 lbs)	7.6kg (16.8 lbs)	13.6kg (30 lbs)	4.25kg (9.4 lbs)
Dimensions (H x W x D) *	303 x 180 x 278 mm	358 x 210 x 306 mm	210 x 629 x 304 mm	174 x 180 x 259 mm
Dimensions (H x W x D) with Rubber Feet *	307 x 180 x 278 mm	362 x 210 x 306 mm	214 x 629 x 304 mm	178 x 180 x 259 mm
Colour	Black / White	Black / White	Black / White	Black / White

* Measurement per unit

Specifications



Model	Q550	Q750	Q950
Design	Two and a half-way bass reflex	Two and a half-way bass reflex	Two and a half-way bass reflex
Drive units	130mm (5.25in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF 130mm (5.25in.) Hybrid aluminium LF 2 x 130mm (5.25in.) aluminium ABR	165mm (6.5in.) aluminium Uni-Q 25mm (1in.) vented aluminium dome HF 165mm (6.5in.) Hybrid aluminium LF 2 x 165mm (6.5in.) aluminium ABR	200mm (8in.) aluminium Uni-Q 38mm (1.5in.) vented aluminium dome HF 200mm (8in.) Hybrid aluminium LF 2 x 200mm (8in.) aluminium ABR
Frequency range Free Field (-6dB)	45Hz-50kHz	42Hz-50kHz	38Hz-33kHz
Frequency Response (±3dB)	58Hz-28kHz	48Hz-28kHz	44Hz-28kHz
Crossover Frequency	2.5kHz	2.5kHz	2.2kHz
Amplifier requirements	15-130W	15-150W	15-200W
Sensitivity (2.83V/1m)	87dB	88dB	91dB
Maximum Output	110dB	111dB	113dB
Nominal impedance	8Ω (min.3.5Ω)	8Ω (min.3.8Ω)	8Ω (min.3.2Ω)
Weight *	14.5kg (32 lbs)	16.5kg (36.4 lbs)	20.6kg (45.4 lbs)
Dimension (H x W x D) *	873 x 180 x 278 mm	923 x 210 x 306 mm	1062 x 244 x 328 mm
Dimension (H x W x D) with Plinth *	926 x 299 x 310 mm	977 x 323 x 310 mm	1116 x 357 x 328 mm
Colour	Black / White	Black / White	Black / White

* Measurement per unit

Accessories



Model	Q150 Black Cloth Grille	Q350 Black Cloth Grille	Q650c Black Cloth Grille	Q550 Black Cloth Grille	Q750 Black Cloth Grille	Q950 Black Cloth Grille
Weight	0.15kg (0.33 lbs)	0.2kg (0.44 lbs)	0.4kg (0.88 lbs)	0.5kg (1.1 lbs)	0.6kg (1.32 lbs)	0.8kg (1.76 lbs)
Dimension (H x W x D)	274 x 173 x 9 mm	330 x 200 x 10 mm	617 x 202 x 9 mm	845 x 174 x 13 mm	898 x 204 x 10 mm	1035 x 236 x 10 mm
Colour	Black	Black	Black	Black	Black	Black

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