

**KEF**<sup>®</sup>  
INNOVATORS IN SOUND



## intelligent innovation



As every hi-fi enthusiast knows, KEF is one of the industry's great innovators. Ever since the early days of hi-fi, our approach has been driven by a passionate belief in the power of new materials, new technologies and new design thinking to heighten the enjoyment of recorded sound.

Of the many landmark innovations KEF has pioneered, arguably the greatest of all is the Uni-Q® point source array, with its outstanding acoustic clarity and off-axis dispersion. The first complete product range to showcase the Uni-Q in every model was the Q Series and now, after almost 20 years of continuous development, the latest iteration of this award-winning line raises the bar even higher, both subjectively and objectively.

The kinship with KEF's iconic Reference Series is obvious, from the distinctive curved cabinets to the sheer quality of construction. But what's really clever lies inside: the latest Uni-Q array with the addition of the ingenious 'tangerine' waveguide to KEF's high performance tweeter, new dual composite bass cones, remapped crossovers and new internal damping technologies markedly improves the acoustic response right across the frequency range.

Fashions have come and gone since the original Q Series was launched, but the objective remains the same: to fill the room with the purest possible sound. Thanks to intelligent engineering and enlightened design, the new Q Series is even more eloquent in this respect than its illustrious predecessors.









## a distinguished pedigree

KEF has always been the purist's brand.

Founder, Raymond Cooke, was an ex-BBC engineer whose innovative first designs earned the respect of broadcast professionals all over the world for their accuracy and neutral balance.

In 1961, he founded KEF to pursue a simple but elusive ideal: to reproduce recordings so perfectly that they sound indistinguishable from live performance. This same perfectionism is what drives today's engineers at KEF's research laboratories in the UK.

In any technology-driven organisation, perfectionism means constant innovation. From computer modelling and the use of aerospace technologies to the development of new cone materials, KEF has done more than any other manufacturer to advance the state of the art. That's why the latest incarnation of the aptly named Reference Series is as much of a benchmark today as the original was 30 years ago. Just as the groundbreaking new Muon concept sets unprecedented standards of audio fidelity. Created in collaboration with Ross Lovegrove, these aluminium sculptures exemplify KEF's ambition to achieve perfect acoustic transparency through radical design thinking, obsessive attention to detail and engineering excellence.

This new Q Series is the latest expression of the KEF ethos, and provides a source of lasting pleasure and pride for the makers and owners alike.



Founder, Raymond Cooke, MBE.



## high order technology

The new Q Series features more advanced audio technology than a few words can describe.

There's the unrivalled detailing and off-axis performance of KEF's latest Uni-Q point source array, which disperses spatially accurate sound imagery far more broadly and evenly than a conventional speaker. The new 'tangerine' waveguide over the aluminium dome of KEF's disarmingly natural-sounding 19mm (0.75in.) tweeter, enhances high frequency response throughout the room and helps to deliver spine-tingling realism. With rigorously engineered magnet systems and titanium-coated cones, the crucial midrange combines delicacy and assertiveness in equal measure. Dual composite bass cones are driven by ultra-low distortion motors incorporating Faraday rings to iron out harmonic distortion and deliver sumptuously extended bass. Remapped crossovers (mounted directly to shrouded bi-wire terminals for the crispest possible signal transmission) ensure inaudibly smooth transitions. The distinctive curved enclosures are designed to maximise cabinet stiffness and minimise internal reflections. The floorstanders also feature a new 'labyrinth' internal damping system to eliminate colouration effects from vertical standing waves.

Meticulously engineered, all these different KEF technologies combine to deliver full bandwidth response that's exceptionally articulate, perfectly balanced and almost completely transparent. Wherever you sit, what you hear is what the artist intended.





## iQ90 floorstander

The iQ90 exemplifies everything that makes the new Q Series great. Like all models in the range, it's a bass reflex design based on pairing KEF's latest and most sophisticated Uni-Q array with powerful new generation bass drivers. All in an elegantly curved cabinet that's designed to maximise cabinet stiffness and minimise internal reflections.

Immediately distinguishable by the soft titanium sheen of the midrange cone and the 'tangerine' waveguide around the tweeter dome, the 165mm (6.5in.) Uni-Q driver reproduces the nuances of the human voice with subtlety and real depth. Midrange response is fluid, perfectly time-aligned with the high frequencies and evenly delivered over an exceptionally wide area. As you would expect from low distortion motors driving dual composite cones, the two 165mm (6.5in.) low frequency drivers of the iQ90 deliver lavish bass, consummately controlled; and with KEF's 'labyrinth' damping system, none of the accompanying distortion that so often impairs tall speakers.

As front speakers for high-end home theatre or as a stereo pair, the iQ90 has gratifyingly precise 3D imaging, breathtaking dynamics and real depth to the performance. As with the other Q Series floorstanders, a discreet plinth is provided for even greater stability; and whichever model you opt for, you can choose between Dark Apple, American Walnut and classic Black Ash finishes, or the superb new hand-matched real wood veneers in Light Oak and Walnut.





## iQ70 floorstander

With all the benefits of the iQ90 in a slimmer enclosure, iQ70 is an assertive full bandwidth two and a half-way bass reflex floorstander that reproduces music and movie soundtracks with equal clarity and flair. With the 165mm (6.5in.) new Uni-Q point source array and 19mm (0.75in.) tweeter partnered by a high performance low frequency driver of the same size, it radiates a faultlessly detailed 3D acoustic image evenly throughout the room. With twin shrouded terminals for bi-wiring or bi-amplification and impressive power handling, faultless integration, breathtaking vocals and heavyweight bass; the iQ70 has the looks, engineering integrity and acoustic performance to deliver uncompromised listening pleasure with whatever media you choose.

## iQ50 floorstander

A more compact incarnation of the same high-end technologies and design principles, iQ50 shares the exceptionally wide, even dispersion that characterises the range, together with KEF's legendary build quality. The 19mm (0.75in.) tweeter, identical to the larger models, is built into the 130mm (5.25in.) version of KEF's latest Uni-Q high frequency/midrange array. Coupled with a new lightweight dual composite long-throw bass driver of the same size in a two and a half-way configuration the new iQ50 is an accomplished performer as satellites in a 5.1 package or as a dedicated two channel system. With the inherent sweetness that makes good music sound great the iQ50 represents outstanding value for those who take sound seriously.



## iQ30 bookshelf

If you prefer smaller speakers, the good news is that all the essential iQ technology is available in more compact enclosures.

As you can tell from the distinctive 'tangerine' waveguide around the dome of KEF's acclaimed 19mm (0.75in.) neodymium tweeter and the metallic glint of the surrounding midrange/low frequency cone, they're all based on the stunning new Uni-Q array. In the case of the iQ30, the 165mm (6.5in.) version.

The result is an incredibly versatile music or home entertainment speaker with a seductive lightness of touch. With the same curved cabinet design minimising internal reflections, it has a lyricism and depth not normally associated with bookshelf speakers. It delivers an excellent dynamic expression with a bass response that is deep and expansive. Dispersion is characteristically consistent and broad, so you enjoy the same extraordinary illusion of presence wherever you sit. It's like re-experiencing your favourite tracks or movies for the very first time.

As easy to position as they are to drive, the new iQ bookshelf models are magnetically shielded like the rest of the range. They come in the same choice of finishes as the floorstanders: Black Ash, Dark Apple and American Walnut, with the option of real wood veneers in Light Oak and Walnut.



## iQ10 bookshelf

For smaller rooms or where space is at a premium, the new iQ10 proves that size isn't everything. With the sensational new 130mm (5.25in.) Uni-Q coincident driver array in a reflex-ported cabinet, the calibre of its acoustic performance is out of all proportion to its modest dimensions. Transitions between the natural-sounding high frequencies, refreshingly open midrange and hefty extended bass are impeccably fluent. As satellite speakers in a 5.1 system, they're beguilingly descriptive and realistic, creating an engrossingly intricate three-dimensional soundscape that adds real depth to the viewing experience. Musical, efficient and transparent, the iQ10 is a minor miracle of audio engineering that gives you the listening pleasures of KEF's latest technology at a gratifyingly modest price.

## iQ60c centre

When you're achieving the naturalness and sheer sonic accuracy that the new Q Series is capable of, the centre channel has to be an exceptional performer. With the 130mm (5.25in.) Uni-Q point source array flanked by two of KEF's new low distortion bass drivers of the same size on an outwardly curving front baffle, the iQ60c is just that.

Vocals are clear and precisely located, whatever the volume. Lower frequency effects are equally involving and delivered with real clout. So, as well as the radically innovative design, high end components and advanced engineering; you'll find yourself immersed in an intricate three-dimensional soundscape.

# specifications

## iQ10 bookshelf

<b>Design</b>	Two-way bass reflex
<b>Drive units</b>	130mm (5.25in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	50Hz - 40kHz
<b>Crossover frequency</b>	2.5kHz
<b>Amplifier requirements</b>	10 - 100W
<b>Sensitivity (2.83V/1m)</b>	88dB
<b>Maximum output</b>	108dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	4.5kg (9.9lbs)
<b>Dimensions (H x W x D)</b>	301 x 175 x 261 mm (11.8 x 6.9 x 10.3 in.)



## iQ30 bookshelf

<b>Design</b>	Two-way bass reflex
<b>Drive units</b>	165mm (6.5in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	45Hz - 40kHz
<b>Crossover frequency</b>	2.5kHz
<b>Amplifier requirements</b>	15 - 120W
<b>Sensitivity (2.83V/1m)</b>	89dB
<b>Maximum output</b>	110dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	6.45kg (14.2lbs)
<b>Dimensions (H x W x D)</b>	365 x 220 x 327 mm (14.4 x 8.7 x 12.9 in.)



Not all models/finishes are available in all markets. Contact your local dealer for specialist range details.

## iQ50 floorstander

<b>Design</b>	Two and a half-way bass reflex
<b>Drive units</b>	130mm (5.25in.) LF 130mm (5.25in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	40Hz - 40kHz
<b>Crossover frequency</b>	2.5kHz
<b>Amplifier requirements</b>	15 - 130W
<b>Sensitivity (2.83V/1m)</b>	88dB
<b>Maximum output</b>	109dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	10.2kg (22.5lbs)
<b>Dimensions (H x W x D)</b>	815 x 175 x 261 mm (32 x 6.9 x 10.3 in.)
<b>Plinth Dimensions (H x W x D)</b>	28 x 250 x 295 mm (1.1 x 9.8 x 11.6 in.)

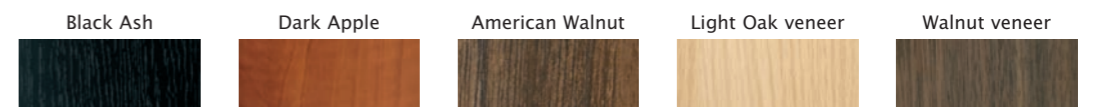


## iQ70 floorstander

<b>Design</b>	Two and a half-way bass reflex
<b>Drive units</b>	165mm (6.5in.) LF 165mm (6.5in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	36Hz - 40kHz
<b>Crossover frequency</b>	2.5kHz
<b>Amplifier requirements</b>	15 - 150W
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Maximum output</b>	111dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	14.0kg (30.9lbs)
<b>Dimensions (H x W x D)</b>	865 x 220 x 327 mm (34 x 8.7 x 12.9 in.)
<b>Plinth Dimensions (H x W x D)</b>	28 x 288 x 348 mm (1.1 x 11.3 x 13.7 in.)



## finishes



## iQ90 floorstander

<b>Design</b>	Three-way bass reflex
<b>Drive units</b>	2 x 165mm (6.5in.) LF 165mm (6.5in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	33Hz - 40kHz
<b>Crossover frequency</b>	180Hz - 2.5kHz
<b>Amplifier requirements</b>	15 - 200W
<b>Sensitivity (2.83V/1m)</b>	91dB
<b>Maximum output</b>	113dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	16.3kg (35.9lbs)
<b>Dimensions (H x W x D)</b>	942 x 220 x 327 mm (37 x 8.7 x 12.9 in.)
<b>Plinth Dimensions (H x W x D)</b>	28 x 288 x 348 mm (1.1 x 11.3 x 13.7 in.)



## iQ60c centre

<b>Design</b>	Three-way bass reflex
<b>Drive units</b>	2 x 130mm (5.25in.) LF 130mm (5.25in.) Uni-Q 19mm (0.75in.) aluminium dome HF
<b>Frequency response</b>	65Hz - 40kHz
<b>Crossover frequency</b>	280Hz - 2.8kHz
<b>Amplifier requirements</b>	15 - 150W
<b>Sensitivity (2.83V/1m)</b>	90dB
<b>Maximum output</b>	111dB
<b>Nominal impedance</b>	8Ω
<b>Magnetic shielding</b>	Yes
<b>Weight</b>	8.8kg (19.4lbs)
<b>Dimensions (H x W x D)</b>	165 x 512 x 255 mm (6.5 x 20.1 x 10 in.)





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