



R E F E R E N C E

An unrivalled pedigree

For decades audiophiles around the world have revered KEF (Kent Engineering and Foundry) for its innovative, high-performance loudspeakers. The company was founded in 1961 by Raymond Cooke OBE (1925-1995), a former BBC electrical engineer, widely acknowledged in the audio industry as a leading authority in transducer technology.

The pioneering inventiveness of KEF loudspeakers was undeniable. During the 1960s and early 1970s, KEF's reputation was further enhanced by its outstanding performance. From the mid 1960s, KEF collaborated with the BBC in developing new materials for high-end loudspeakers - the results being embodied in the classic LS3/5a monitor which generated worldwide sales of more than 100,000 systems.

KEF's Uni-Q® technology was introduced in 1988 and since then KEF has maintained its position at the forefront of loudspeaker and home theatre systems.

The core values of KEF: innovation, quality and performance have ensured that KEF has one of the best international reputations for audio excellence.

Raymond E. Cooke



Awards:



Every inch of the all-new Reference Series is designed to make what you hear sound totally real.

Performance

As the finest expression of all the latest KEF design breakthroughs, the sound quality, bandwidth and dynamics of the new Reference Series are second to none. The stunning new Uni-Q driver array has been developed to achieve new levels of performance. The tweeter at the centre of the mid-range cone now has a vented three-magnet motor system and a unique new braced dome, creating a perfect single point source of sound. As a result, dispersion is wider than ever. Power response is more uniform. Multi-channel imaging is even more stable... and stunningly realistic.



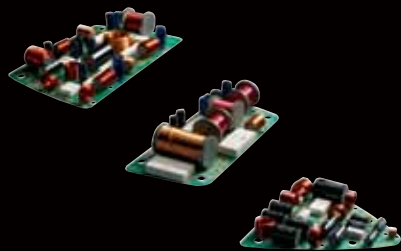
Innovation

KEF's innovative ACE (Acoustic Compliance Enhancement) technology uses activated carbon granules to minimize pressure change inside the Model 209 subwoofer's cabinet. By filling the cabinet with activated carbon, bass extension can be generated out of all proportion to its actual size.



Sound thinking

After years of research and painstaking development, the new Reference Series responds even more musically than its acclaimed predecessors by combining design innovation with high quality components. Each component, including computer-modelled crossover, precision engineered cabinet and dedicated lower mid-range driver, has been redesigned to achieve a quantum leap in performance.



KEF Reference Series crossovers are computer- modelled to optimise integration.



The 250mm (10in.) lower mid-range driver of the Model 207/2 has a distinctive chrome "phase plug" at its centre to deliver an extraordinary acoustic performance.

State-of-the-art design

The cabinets themselves are works of art. The curved section is precision engineered to eliminate unwanted vibration, ensuring sweet and pure output from the drivers. The new Reference Series cabinets are polished to a mirror finish and hand-assembled by skillful craftsmen, and they are available in a choice of seven finishes: high gloss walnut, piano black, high gloss cherry, satin sycamore, satin walnut, satin black and satin cherry.



KEF engineers, designers and craftsmen are personally committed to world-class standards of build quality.





“our recording illustrates how incredibly revealing these loudspeakers are”

Tomoyoshi Ezaki,
the head of Exton Studios

Recording excellence

To showcase the extraordinary acoustic capabilities of the new Reference Series, KEF turned to Octavia Records, the multiple award-winning classical music label. With a list of credits extending from Art Garfunkel to Ashkenazy, the Tokyo-based studio is an acknowledged centre of excellence for high-end audio recordings. Ezaki

and his team duly set about re-mastering for KEF a 2001 performance of the Bach Toccata and Fugue in D minor by the celebrated Czech organist Ales Barta. The result is a five-channel SACD (Super Audio Compact Disc) direct stream digital recording of breathtaking clarity and finesse.

Specifications



	Model 207/2	Model 205/2	Model 203/2	Model 201/2	Model 204/2c	Model 202/2c	Model 206/2ds	Model 209	Model 208
Design	Four-way bass reflex floorstanding loudspeaker	Three-way bass reflex floorstanding loudspeaker	Three-way bass reflex floorstanding loudspeaker	Three-way bass reflex bookshelf loudspeaker	Three-way bass reflex centre loudspeaker	Three-way bass reflex centre loudspeaker	Three-way closed-box dipole loudspeaker	Closed-box subwoofer	Bass reflex subwoofer
Drive units	2 x 250mm (10in.) LF 1 x 250mm (10in.) LMF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	2 x 200mm (8in.) LF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	2 x 165mm (6.5in.) LF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	1 x 165mm (6.5in.) LF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	4 x 165mm (6.5in.) LF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	2 x 165mm (6.5in.) LF 1 x 165mm (6.5in.) Uni-Q MF including a 25mm (1in.) titanium HF	1 x 200mm (8in.) LF 2 x 165mm (6.5in.) Uni-Q MF including 2 x 25mm (1in.) titanium HF	1 x 450mm (18in.) long-throw LF	1 x 300mm (12in.) long-throw LF
Frequency response (@15° horizontally off axis ± 3dB)	40Hz - 60kHz	45Hz - 60kHz	50Hz - 60kHz	55Hz - 60kHz	53Hz - 60kHz	65Hz - 60kHz	65Hz - 60kHz	15Hz - 250Hz	25Hz - 200Hz
Crossover frequency	120Hz, 350Hz, 2.3kHz	400Hz, 2.3kHz	300Hz, 2.3kHz	450Hz, 2.5kHz	400Hz, 2.3kHz	400Hz, 2.3kHz	250Hz, 2.3kHz	N/A	N/A
Amplifier requirements	50 - 400W	50 - 300W	50 - 200W	50 - 150W	50 - 300W	50 - 200W	50 - 200W	1000W built-in	500W built-in
Sensitivity (2.83V/1m)	91dB	90dB	89dB	86dB	90dB	89dB	88dB	Active system	Active system
Maximum output	117dB	115dB	113dB	110dB	115dB	113dB	110dB	120dB	117dB
Impedance	8Ω (3.0Ω min)	8Ω (3.2Ω min)	8Ω (3.2Ω min)	8Ω (4.2Ω min)	8Ω (3.2Ω min)	8Ω (3.2Ω min)	8Ω (3.2Ω min)	Active system	Active system
Magnetic shielding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bass extension	26Hz (-6dB)	35Hz (-6dB)	40Hz (-6dB)	44Hz (-6dB)	40Hz (-6dB)	50Hz (-6dB)	55Hz (-6dB)	12Hz (-6dB)	22Hz (-6dB)
Weight	66kg (145lbs)	33kg (72.6lbs)	26.5kg (58.3lbs)	12.3kg (27.1lbs)	34.6kg (76lbs)	15.6kg (34.3lbs)	11.6kg (25.5lbs)	51.9kg (114.4lbs)	37.5kg (82.7lbs)
Dimensions (H x W x D)	1226 x 400 x 685 mm (48.2 x 15.7 x 27 in.)	1105 x 285 x 433 mm (43.5 x 11.2 x 17 in.)	1020 x 248 x 405 mm (40.2 x 9.8 x 15.9 in.)	417 x 248 x 405 mm (16.4 x 9.8 x 15.9 in.)	200 x 1100 x 425 mm (7.9 x 43.3 x 16.7 in.)	200 x 630 x 315 mm (7.9 x 24.8 x 12.4 in.)	324 x 400 x 200 mm (12.7 x 15.7 x 7.9 in.)	530 x 629 x 629 mm (20.9 x 24.8 x 24.8 in.)	465 x 576 x 579 mm (18.3 x 22.7 x 22.8 in.)
Finishes	Piano black, high gloss walnut, high gloss cherry, satin sycamore, satin walnut, satin black and satin cherry				Custom colours : graphite, grigio, stardust, pale gold, garnet, sapphire, orange sorbet, lime sorbet, lemon sorbet, snow white, racing red and racing blue				



Handcrafted in the United Kingdom

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United Kingdom

GP Acoustics (UK) Limited
Eccleston Road, Tovil, Maidstone
Kent, ME15 6QP U.K.
Tel: +44 (0) 1622 672261
Fax: +44 (0) 1622 750653
Email: info@kef.com

China

GP Acoustics (China) Limited
Room 2202, Diwang Commercial Center
5002 Shennan Road East, Shenzhen, China 518008
Tel: +86 (755) 8246 0746
Fax: +86 (755) 8246 0125
Email: info.kef.cn@gpacoustics.com

Europe (EMEA)

GP Acoustics GmbH
Am Brambusch 22, 44536, Lünen, Deutschland
Tel: +49 (0) 231 9860-320
Fax: +49 (0) 231 9860-330
Email: sales@gpaeu.com

France

GP Acoustics (France) SAS
39 Rue des Granges Galand - BP60414
37554 Saint Avertin CEDEX, France
Tel: +33 (0) 2 47 80 49 01
Fax: +33 (0) 2 47 27 89 64
Email: info.france@kef.com

Hong Kong

GP Acoustics (HK) Limited
6F, Gold Peak Building, 30 Kwai Wing Road
Kwai Chung, N.T., Hong Kong
Tel: +852 2410 8188
Fax: +852 2401 0754
Email: info.kef.hk@gpacoustics.com

Japan

KEF Japan, 1-11-17, Honcho, Koganei-city
Tokyo, Japan. 184-0004
Tel: +81 (0) 42-388-2030
Email: info@kef.jp

Taiwan

GP Acoustics (Taiwan) Limited
Room 4B, 5F, 415, Xingyi Road Sec 4
Taipei 110, Taiwan
Tel: +886 (2) 2723 0868
Fax: +886 (2) 2723 0818
Email: info.kef.tw@gpacoustics.com

USA

GP Acoustics (US) Inc.
10 Timber Lane, Marlboro, New Jersey 07746 U.S.A.
Tel: +1 (732) 683 2356
Fax: +1 (732) 683 2358
Email: sales@kefamerica.com

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