

KEF[®]
INNOVATORS IN SOUND

home theatre



perfect sound wherever you are

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“ The sound & music are 50% of the entertainment in a movie. ”

George Lucas



KEF and the multi award-winning KHT story

The more sophisticated that digital audio formats become, the better your speakers need to be. Which to choose, though? Manufacturers come and go. Design trends appear, then fade away. But with KEF, you're dealing with people who've been consistently innovating since 1961.

The KEF Home Theatre (KHT) Series is a good example. By bringing audiophile quality sound to affordable home entertainment, it's been breaking new ground ever since it was first introduced. As its many awards and 5-star ratings prove, the original outperformed every conventional system in its class.

The latest KHT systems extend this advantage even further, whatever your budget. With the introduction of radically innovative concepts like Acoustic Compliance Enhancement (ACE), the latest refinements of KEF's trademark Uni-Q® technology and a new generation of powered subwoofers, there's a formidable line-up of options to choose from.

They're all designed to reproduce every last detail encoded in the latest home entertainment formats, and having identical drivers for the satellite and centre speakers of each system guarantees a perfect tonal match. Naturally, they're all magnetically shielded to avoid interference with your other equipment.

Although each has its own distinctive look, every system is engineered with acoustically inert cast aluminium enclosures and high-end components including metal dome tweeters to create an accurate and compellingly real 3D soundscape - and with the ultra-wide dispersion characteristics of KEF's Uni-Q point source array, it's enjoyed with equal pleasure by everyone in the room.



KEF's patented driver array, using aerospace materials to allow the tweeter to be mounted at the acoustic centre of the midrange cone to create a single point source. This is what gives KEF loudspeakers exceptionally wide dispersion characteristics, with everyone in the room experiencing the same clear, accurate sound image.



Wireless transmission dispenses with running cables across the room to the rear speakers by using radio waves from a discreet sender unit to transmit the audio signal to a receiver built in to the speaker. KEF's high performance wireless system ensures exceptional signal integrity under even the most demanding conditions.



A flat panel speaker configuration that reproduces sound with a wide directivity pattern without restricting listeners to a particular 'sweet spot'. This diffuse radiation of sound waves is ideal for reproducing ambient sound effects.



True to the ease of use that underpins the whole kit concept, Selecta-mount is KEF's ingenious system of concealed brackets designed to simplify wall mounting.



KEF's way of dramatically increasing the effective volume (and therefore output) of bass driver enclosures by adding granules of activated carbon, whose adsorption characteristics reduce resistance to each backward movement of the cone. ACE-enabled loudspeakers perform like units up to three times their size, subjectively as well as objectively.



Another KEF innovation, the Bass Extender is a hollow reflex-ported floor stand whose additional volume helps to enhance bass extension.



A patented KEF technology that effectively seals the gap between a moving mid-range cone and tweeter, which has the effect of dramatically improving sound quality, particularly at higher volumes.



Smart Bass allows optimum integration between subwoofer and satellite speakers in the minimum time using a simple 'plug & play' architecture.

home theatre 1000 Series



KHT1005.2

They may look cute - but they sound anything but. Experiencing a movie or favourite album through KHT1005.2 is like seeing an old friend after a makeover: fresh, involving, more intense. The centre and satellite speakers all have KEF's smallest Uni-Q delivering the extended bandwidth you normally get with much larger units.

The sound image is completed by the KUBE-1 subwoofer. With output fully adjustable for phase, frequency and level, its attack is as forceful as it is accurate.

Whether you prefer shelf mounting, wall brackets or optional floor stands with internal cable management, the installation is as discreet as can be - until you press 'play', and the whole room fills with immaculate three-dimensional sound.

High gloss black and matt silver finishes available.

Specifications

	HTS1001.2/HTC1001.2	KUBE-1
Design	Two-way closed box Satellite/Centre	Powered Subwoofer
Drive units	75mm (3in.) Uni-Q array with 15mm (0.6in.) aluminium HF	1x 200mm (8in.) + 1x 200mm (8in.) ABR
Frequency response (±3dB)	120Hz - 22kHz	38Hz - 150Hz
Crossover frequency	3kHz	N/A
Power handling	100W	N/A
Amplifier	N/A	150W built-in Class-D
Sensitivity (2.83V/1m)	86dB	N/A
Maximum output (SPL)	104dB	108dB
Impedance	8Ω	N/A
Magnetic shielding	Yes	N/A
Internal volume	0.5litres	15.4litres
Weight	0.7kg (1.5lbs)	9.6kg (21.2lbs)
Dimensions (H x W x D)	Satellite 165 x 110 x 78 mm (6.5 x 4.4 x 3.1 in.) Centre 107 x 181 x 78 mm (4.2 x 7.1 x 3.1 in.)	295 x 295 x 295 mm (11.6 x 11.6 x 11.6 in.)
Finish	High gloss black, matt silver	Black with gloss upper surface
Optional accessories	Floorstand	N/A

home theatre 2000 Series



KHT2005.3

Charismatic is the only word to describe it. Like the multi-award-winning KHT2005 from which it evolved, the reflex-ported KHT2005.3* pushes the performance envelope of midrange home theatre like no other system.

With parabolic enclosures to eliminate cabinet distortions, the full range centre and satellites all feature KEF's Uni-Q array for better power handling and precise sound quality - even whispered dialogue is pin-sharp.

Like all KHT Series subwoofers, the matching new KUBE-2 has a selectable 'Bass Boost' switch for even more bass 'slam' with movie sound effects, and individual phase, frequency and level controls allow you to fine tune the output to get the perfect balance with the satellite speakers and your room acoustics.

An ingenious multi-directional base makes it easy to place each satellite wherever it suits you: on a flat surface, at an angle on walls, or on the optional floor stands.

Available in high gloss black or matt silver finishes.

* Available from June 2008.

Specifications

	HTS2001.3/HTC2001.3	KUBE-2
Design	Two-way closed box Satellite/Centre	Powered Subwoofer
Drive units	100mm (4in.) Uni-Q array with 19mm (0.75in.) aluminium HF	1x 250mm (10in.) + 1x 250mm (10in.) ABR
Frequency response (±3dB)	80Hz - 27kHz	35Hz - 150Hz
Crossover frequency	3kHz	N/A
Power handling	100W	N/A
Amplifier	N/A	200W built-in Class-D
Sensitivity (2.83V/1m)	88dB	N/A
Maximum output (SPL)	104dB	112dB
Impedance	8Ω	N/A
Magnetic shielding	Yes	N/A
Internal volume	1.5litres	23.0litres
Weight	2.0kg (4.4lbs)	12.0kg (21.2lbs)
Dimensions (H x W x D)	Satellite 228 x 130 x 150 mm (9.0 x 5.1 x 5.9 in.) Centre 162 x 190 x 150 mm (6.4 x 7.5 x 5.9 in.)	335 x 330 x 330 mm (13.2 x 13.0 x 13.0 in.)
Finish	High gloss black, matt silver	Black with gloss upper surface
Optional accessories	Floorstand	N/A

home theatre 3000 Series



KHT3005SE

Clearly an evolution of the award winning 3000 Series, the new KHT3005SE is the latest version of the iconic 'egg' home theatre system, updated to provide an even stronger audio performance with improved clarity and detail yet maintaining the beauty and style that helped make its predecessor a reviewer's favourite.

The revolutionary Uni-Q driver of the satellite and centre speaker has been enhanced by the addition of the ingenious 'Tangerine' waveguide, for improved sensitivity and sound dispersion and have been comprehensively engineered for an even cleaner, smoother response.

The cast aluminium enclosures are shaped to minimise internal resonance with KEF's Sealed Suspension Technology - SST™ (patent applied for) dramatically improves sound quality and at higher volumes filling the room with incredibly detailed 3D sound.

Carrying up to 60% of the sound, the centre channel is vital in any home theatre system, and the dedicated centre speaker is in a class of its own providing an amazingly clear dialogue in perfect timbre with the satellite speakers.

Available in high gloss black and high gloss silver finishes.

Specifications

	HTS3001SE Satellite	HTS3001SE Centre	HTB2SE Subwoofer
Design	Two-way bass reflex	Three-way closed-box	Powered Subwoofer with passive radiator
Drive units	115mm (4.5in.) Uni-Q array with 19mm (0.75in.) aluminium HF	115mm (4.5in.) Uni-Q array with 19mm (0.75in.) aluminium HF 2 x 75mm (3in.) LF	1 x 250mm (10in.) + 1 x 250mm (10in.) ABR
Frequency response (±3dB)	70Hz - 55kHz	65Hz - 55kHz	30Hz - 250Hz
Crossover frequency	2.2kHz	500Hz, 2.2kHz	N/A
Power handling	100W	100W	N/A
Amplifier	N/A	N/A	250W built-in Class-D
Sensitivity (2.83V/1m)	88dB	90dB	N/A
Maximum output (SPL)	108dB	110dB	110dB
Impedance	8Ω	8Ω	N/A
Magnetic shielding	Yes	Yes	Yes
Internal volume	1.8litres	2.4litres	15.0litres
Weight	2.0kg (4.5lbs)	2.6kg (5.8lbs)	11.3kg (24.9lbs)
Dimensions (H x W x D)	245 x 125 x 150 mm (9.6 x 4.9 x 5.9 in.)	130 x 300 x 185 mm (5.1 x 11.8 x 7.3 in.)	390 x 440 x 195 mm (vertical) (15.4 x 17.3 x 7.7 in.) 227 x 440 x 385 mm (horizontal) (8.9 x 17.3 x 15.2 in.)
Finish	High gloss black, high gloss silver	High gloss black, high gloss silver	High gloss black, high gloss silver
Optional accessories	Floorstand	N/A	N/A

home theatre 5000 Series



KHT5005.2 / KHT5005.2W

The cool minimalism of these slender cast aluminium column speakers belies the sophistication of the technology that makes them sound so authoritative.

Flanked by a pair of long-throw bass drivers with ultra-low distortion motor systems and with KEF's Uni-Q array the KHT5005.2 disperses a seamless sonic image evenly throughout the listening area.

And what an image it is - richly textured and spatially precise in every dimension. Whether you're watching a film or chilling out to a few tracks, they sound as clean as they look.

The sensational HTB2SE subwoofer pumps out a genius distortion-free bass and with the SmartBass™ 'connect and go' technology compliments the perfect beat and sophistication of the satellites.

The 5000 Series is also available with Wireless technology for the two rear satellites, providing freedom to locate almost anywhere without the worry of hiding lengthy speaker cables.

Available in high gloss black and matt silver finishes.

Specifications

		HTS5001.2/HTC5001.2	HTB2SE Subwoofer
Design		Three-way closed box Satellite/Centre	Powered Subwoofer with passive radiator
Drive units		75mm (3in.) Uni-Q array with 15mm (0.6in.) aluminium HF 2 x 75mm (3in.) LF	1 x 250mm (10in.) + 1 x 250 mm (10in.) ABR
Frequency response (±3dB)		95Hz - 30kHz	30Hz - 250Hz
Crossover frequency		300Hz, 3kHz	N/A
Power handling		100W	N/A
Amplifier		N/A	250W built-in Class-D
Sensitivity (2.83V/1m)		87dB	N/A
Maximum output (SPL)		106dB	110dB
Impedance		8Ω	N/A
Magnetic shielding		Yes	Yes
Internal volume		1.4litres	15litres
Weight		2.0kg (4.4lbs)	11.3kg (24.9lbs)
Dimensions (H x W x D)	Satellite	419 x 88 x 127 mm (16.5 x 3.5 x 5.0 in.)	390 x 440 x 195 mm (vertical) (15.4 x 17.3 x 7.7 in.)
	Centre	88 x 419 x 127 mm (3.5 x 16.5 x 5.0 in.)	227 x 440 x 385 mm (horizontal) (8.9 x 17.3 x 15.2 in.)
Finish		High gloss black, matt silver	High gloss black, high gloss silver
Optional accessories		Height adjustable desktop stand Floorstand	N/A



home theatre 6000 Series



KHT6000

Every once in a while you come across a piece of design that looks so right you just know it's going to perform superbly - like the KHT6000. Designed to complement the latest generation of flat screen TVs, it combines high-end KEF Audio technologies in a consummately elegant package. Centre stage is KEF's Uni-Q array so you know that vocals are going to sound clear, warm and beautifully balanced wherever you sit.

With a line-up of no less than four long-throw midrange/bass drivers with ultra-low distortion motors, you know that the sound image will be so real you can almost touch it. Big. Confident. Evenly voiced. The separate Uni-Q enclosure utilises ACE technology to move the enclosure resonance below the working frequency range and absorb higher frequency acoustic modes.

An ingenious 'Bass extender'™ floorstand is available to further enhance the bass output. Available in high gloss black and matt silver finishes.

Specifications

	HTS6001 Satellite	HTS6001 Centre
Design	Three-way closed box, ACE in MF enclosure	Three-way closed box, ACE in MF enclosure
Drive units	75mm (3in.) Uni-Q array with 15mm (0.6in.) aluminium HF 4 x 75mm (3in.) LF	75mm (3in.) Uni-Q array 15mm (0.6in.) aluminium HF 4 x 75mm (3in.) LF
Frequency response (±3dB)	90Hz - 30kHz 75Hz - 30kHz <small>(with optional 'Bass Extender' bass enhancing stand)</small>	90Hz - 30kHz
Crossover frequency	800Hz, 3kHz	800Hz, 3kHz
Power handling	100W	100W
Sensitivity (2.83V/1m)	87dB	87dB
Maximum output (SPL)	109dB	109dB
Impedance	8Ω	8Ω
Magnetic shielding	Yes	Yes
Internal volume	2.9litres	2.9litres
Weight	3.9kg (8.6lbs)	3.9kg (8.6lbs)
Dimensions (H x W x D)	600 x 121 x 85 mm (23.6 x 4.8 x 3.4 in.)	121 x 577 x 85 mm (4.8 x 22.7 x 3.4 in.)
Finish	High gloss black, matt silver	High gloss black, matt silver
Optional accessories	Floorstand with Bass Extender™	N/A



home theatre 9000 Series



KHT9000

As the flagship system of the KHT family, KHT9000 combines KEF's latest performance enhancing innovation with an uncompromised technical specification to create a true 3D sound picture: incredibly spacious, intricately detailed and totally engrossing.

The Uni-Q array brings out the full emotional depth and texture of vocals, whether sung, shouted, spoken or whispered.

On either side, a matching pair of long-throw bass drivers with ultra-low distortion motors for a low frequency response that's as lucid as it is gutsy - and thanks to KEF's ACE technology, what you actually hear is the level of bass extension that's only normally obtainable with much larger speakers.

To achieve a genuinely integrated look that complements modern interiors, you have the option of using the 'Selecta-mount'™ system. An innovative solution of a height adjustable stand that can also correct the wall reflection for wall mounting allowing exceptional tonal accuracy.

Available separately, and with a choice of compatible powered subwoofers, you're free to tailor yourself the set-up that best suits your tastes.

Available in high gloss black and matt silver finishes.

Specifications

	HTS9001 Satellite	HTS9001 Centre
Design	Three-way closed box, ACE enclosure	Three-way closed box, ACE enclosure
Drive units	165mm (6.5in.) Uni-Q array with 19mm (0.75in.) aluminium HF 2x 165mm (6.5in.) LF	165mm (6.5in.) Uni-Q array with 19mm (0.75in.) aluminium HF 2x 165mm (6.5in.) LF
Frequency response (±3dB)	75Hz - 27kHz	75Hz - 27kHz
Crossover frequency	400Hz, 3kHz	400Hz, 3kHz
Power handling	150W	150W
Sensitivity (2.83V/1m)	88dB	88dB
Maximum output (SPL)	111dB	111dB
Impedance	8Ω	8Ω
Magnetic shielding	Yes	Yes
Internal volume	11.5litres	11.5litres
Weight	9.9kg (21.8lbs)	9.9kg (21.8lbs)
Dimensions (H x W x D)	555 x 250 x 125 mm (21.8 x 9.8 x 4.9 in.)	250 x 555 x 125 mm (9.8 x 21.8 x 4.9 in.)
Finish	High gloss black, matt silver	High gloss black, matt silver
Optional accessories	Height adjustable desktop stand Floorstand	Height adjustable desktop stand Floorstand

home theatre fivetwo series



model 7 & model 11

Sound reproduction should be invisible - you want surround sound, with the hardware as unobtrusive as possible.

That's why we came up with an alternative. As its name implies, the *fivetwo* series envelops you in the surround sound of a full 5.1 set-up using only two speakers and a subwoofer (optional).

Whether you choose the compact model 7 (with seven drivers in each speaker) or the formidable model 11 (with no less than eleven), the effect is amazing. Voices sound real and precisely located. Ambient effects travel through a realistic three-dimensional soundscape as the director intended.

On screen action comes alive for everyone in the room, wherever they sit. The secret lies in combining KEF's acclaimed Uni-Q "sit anywhere" driver concept with NXT flat panel technology. Each speaker has a front-firing array of Uni-Q drivers providing true dedicated centre speakers as well as spreading a highly detailed sound image to your left and right.

Behind them, large vertical flat panels act as high performance rear effect speakers.

And all the channels can be separately adjusted from your receiver to achieve a perfectly balanced sound.

Available in high gloss black or matt silver finishes.

Specifications

	MODEL 7	MODEL 11
Design	Closed-box surround sound	Closed-box surround sound
Drive units	7 Speaker drivers, comprising: Dedicated Centre Channel 1 x 75mm (3in.) Uni-Q array with 1 x 15mm (0.6in.) aluminium HF	11 Speaker drivers, comprising: Dedicated Centre Channel 1 x 75mm (3in.) Uni-Q array with 1 x 15mm (0.6in.) aluminium HF 1 x 75mm (3in.) LF
	Front Left/Right Channel 1 x 75mm (3in.) Uni-Q array with 1 x 15mm (0.6in.) aluminium HF 2 x 75mm (3in.) LF Rear Left/Right Channel 1x NXT flat panel	Front Left/Right Channel 1 x 75mm (3in.) Uni-Q array with 1 x 15mm (0.6in.) aluminium HF 4 x 75mm (3in.) LF Rear Left/Right Channel 2x NXT flat panels
Frequency range (±3dB)	100Hz - 30kHz	90Hz - 30kHz
Crossover frequency	400Hz, 5kHz	600Hz, 5kHz
Power handling	100W	100W
Sensitivity (2.83V/1m)	87dB	87dB
Maximum output (SPL)	104dB	109dB
Impedance	8Ω	8Ω
Internal volume	1.4litres	15litres
Weight	3.9kg (8.6lbs)	8kg (17.6lbs)
Dimensions (H x W x D)	400 x 104 x 230 mm (15.7 x 4.1 x 9.1 in.)	1020 x 210 x 230 mm (40.2 x 8.3 x 9.1 in.)
Finish	High gloss black, matt silver	High gloss black, matt silver
Connectors	Supplied with connection for any 5.1 home theatre receiver/amplifier	Supplied with connection for any 5.1 home theatre receiver/amplifier
Optional accessories	Floorstand Wall bracket	Wall bracket

Wireless



Wireless System / Wireless 5000 series

If the problem of hiding lengthy cables has restricted where you put your loudspeakers, now you have the freedom to locate them virtually anywhere you wish. KEF have developed a remarkable innovation in audio quality and convenience that at last makes high-performing wireless speakers a reality.

A remarkable combination of signal transmission, reception and processing technologies combine to ensure superb signal reliability and a CD-quality sound transmission that is a match for even the most demanding audio systems.

KEF Wireless System is an ideal add-on for any existing rear surround sound speaker set-up (regardless of the brand), and can be also used for stereo speakers in a hi-fi system where hiding the cables is an inconvenience.

This remarkable technology is available as either a stand-alone kit to support an existing system or a complete 5.1 home theatre system in the 5000 Series.

Wireless System is available in high gloss black.

Specifications

	KHT5005.2W	Wireless System
Transmission protocol	AAFHSS	AAFHSS
Frequency band	2.4 - 2.4835GHz (ISM band)	2.4 - 2.4835GHz (ISM band)
Data rate	Up to 1.1Mbps	Up to 1.1Mbps
Range	25m Typical maximum* (27.3yds)	25m Typical maximum* (27.3yds)
Amplifier	2x 50W (digital amplifiers)	2x 50W (digital amplifiers)
Sensitivity	80dB	80dB
Frequency response (±3dB)	20Hz - 20kHz	20Hz - 20kHz
Peak audio output	50W rms	50W rms
Crossover frequency	800Hz and 5kHz	N/A
Transmitter module	147 x 79 x 79 mm (5.8 x 3.1 x 3.1 in.)	147 x 79 x 79 mm (5.8 x 3.1 x 3.1 in.)
Receiver module	Additional 50mm (height on floorstand)	147 x 79 x 79 mm (H x W x D)
Dimensions	Additional 122mm (height on deskstand) (Additional 4.8in.) (Additional 2in.)	(5.8 x 3.1 x 3.1 in.)
Finish	High gloss black, matt silver	High gloss black

* Environmental factors such as building materials and construction may adversely affect wireless signal range.



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