

## INSTALLED SUBWOOFERS

If you want bass to be heard but not seen, KEF offers a wide selection of installed subwoofers with incredible sonic performance whilst remaining visually discreet. The foundation of the range, the powerful KASA500 amplifier (250Wx2) featuring selectable customised equalisation and compression limiting, is designed to maximise the performance of each KEF subwoofer option which includes four superlative subwoofers: The ultra-high performance Ci250RRb-THX with a massive 10inch driver, Ci200Qsb-THX with an 8inch driver, the Ci3160RLb-THX with three 6.5inch woofers on a rigid aluminium baffle, and the svelte Ci200TRb that requires only 59mm of mounting depth.

Not only do these subwoofers provide a perfect visual match to our Extreme Theatre speakers, they also perfectly enhance the sonic capabilities of the entire KEF line, providing you with a true high-performance, discrete theatre system. Refined yet gutsy, two Ci250RRb-THX subwoofers powered by the KASA500 meet the THX Select standard, as do two Ci3160RLb-THX subwoofers, or four of the Ci200Qsb-THX powered by the KASA500. To achieve the THX Ultra standard, four Ci3160RLb-THX subwoofers or four pairs of Ci200Qsb-THX subwoofers powered by two KASA500; or four Ci250RRb-THX subwoofers powered by one KASA500. In passive mode, the Ci200TRb and Ci200Qsb-THX can be used with a stereo amplifier to provide the bass response of an 8inch speaker for a smaller in-wall or in-ceiling mounting.



Ci250RRb-THX



Ci200Qsb-THX



KASA500 Amplifier



Ci160TR



Ci160TS

## EXTREME HOME THEATRE

For the ultimate custom installed home cinema, the formidable Ci-REFERENCE and Ci-R Series have the breath-taking acoustic capabilities of the exceptional classic KEF range they are named after, with all the drama and emotional intensity of full theatre sound quality. A complete system certified to THX Ultra/ THX Select standards, the Ci-REFERENCE and Ci-R Series consists of four powerful in-ceiling speakers that can be combined with one of four in-wall models and a choice of three high-performance powered subwoofer configurations. As you might expect, its towering performance sets the standard for custom installed speakers.

## EXTREMELY LOW PROFILE

With its patented ultra-low profile speaker driver, the revolutionary T Series fits snugly into even the narrowest voids while delivering all the lavishly detailed and evenly dispersed imagery of KEF's tangerine waveguide technology. Comprised of a Round model and a Square model requiring less than 36mm of mounting depth, and a revolutionary 200mm sub-woofer that needs 59mm of depth, the T Series allows you to install a speaker that delivers full audiophile quality sound even when mounting space is at a premium. As easy to fit as any other KEF architectural speakers, and an equally accomplished sonic performer, it's another example of KEF innovation benefiting the installer as much as the listener.

## CI FEATURES AND TECHNOLOGIES

Whatever your budget, you'll find that the clarity, depth and sheer realism of the sound you experience with KEF architectural speakers is enhanced by technologies found nowhere else.



**Uni-Q driver array** - KEF's patented Uni-Q driver technology places the tweeter at the acoustic centre of the bass/midrange cone so that both act as a single source, dispersing sound widely and evenly over a large area. No matter the placement, KEF custom installation speakers deliver effortlessly natural sound with minimal distortion to every person in the room.



**Special Grille Treatment** - The powder-coated grille undergoes a unique plating process to ensure long life and corrosion resistance even in humid environments.



**Tangerine waveguide** - As well as protecting the driver, this enhances Uni-Q's exceptionally wide dispersion characteristics.

## KEF CI SPEAKER PLACEMENT TOOL

Simple to use, with pull-down menus and sliders to define the room size, desired volume and coverage pattern, the KEF Ci speaker placement software generates optimum speaker locations, wiring diagrams and sound coverage topography to help you determine the right number of speakers for the area concerned.

To download the tool, please visit:  
<https://www.kef.com/pages/ci-software-download>

KEF.COM

## Architectural Speakers



## ALWAYS INNOVATING

KEF, one of the originators of British HiFi sound since 1961, has pioneering award winners from professional studio monitors to the legendary Reference Series and the ground-breaking Muon, Blade and LS50 Wireless.

Every KEF speaker, large or small, epitomises the seamless integration of innovative engineering and outstanding design.

This technology leadership has always been what sets KEF's installed systems apart, ever since our revolutionary Motorised and Soundlight models. Today, you can choose from a superlative range of whole house solutions to suit any space, large or small, outside as well as in. Discreet in appearance, easy to install and engineered to last, what they all share is best-in-class acoustic performance. And that's the real difference - with KEF's architectural speakers, everyone gets to enjoy uncompromised audiophile quality sound.

## HIDE YOUR SPEAKERS, NOT YOUR SOUND

For music or movies, your installation needs to deliver the flawlessly accurate three-dimensional sound you'd expect from the best conventional speakers - startlingly clear and breathtakingly realistic. And that's exactly what our Ci range does.



**KEF's passion for acoustic excellence** shines through in every model. By combining radically innovative engineering with sophisticated design technologies, the Ci range achieves what used to be thought impossible: compact custom installation speakers that sound as compelling as an audiophile quality hi-fi system, no matter where you sit.

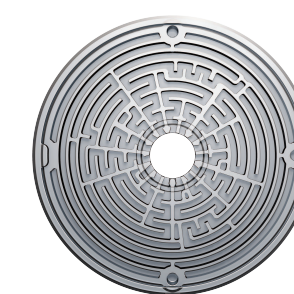
**With impeccable cosmetics,** There is a KEF architectural speaker for every situation, including where space is at a premium or when a speaker needs to blend seamlessly into its surroundings. The speakers have even been engineered to excel in the more humid areas of the home, such as bathrooms and pool areas.

**All KEF speakers are timbre-matched,** with each other and with KEF's extensive range of home speakers, so any combination you specify for different listening areas will have the same tonal colour for a perfectly consistent soundstage.

**Fast, easy installation** has always been valued by architectural speakers installers. With only a few simple steps and KEF's unique design features, our architectural speakers can be fitted quickly, with no special skills. Once the hole is cut and the cable run, the area is soon flooded with great high definition sound.

## UNI-Q®

Uni-Q technology is the building block of KEF signature sound. Uni-Q technology places the tweeter precisely at the acoustic centre of the bass/midrange cone, so both act together as a single point source to disperse sound more evenly throughout the room. The result is the elimination of the limited 'sweet spot', therefore allowing everybody sitting at different spots in the room to experience and enjoy the same natural, detailed sound.

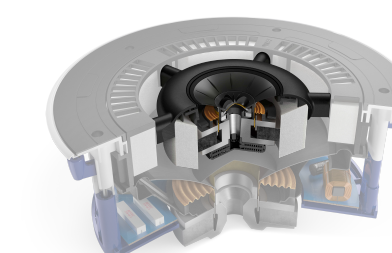


## METAMATERIAL ABSORPTION TECHNOLOGY (MAT™)








































A truly revolutionary tool in the KEF acoustic armoury, MAT™ is a highly complex maze-like structure that absorbs 99% of unwanted sound from the rear of the driver, eliminating the resulting distortion and providing purer, more natural sound.


## PATENT-PENDING CAVITY RADIATION CONTROL

Cavity Radiation Control is a unique open-backed midrange with acoustically absorptive foam design that eliminates midrange distortion, up to 30dB midrange dip, found in typical coaxially arranged three-way designs. Cavity Radiation Control enables KEF coaxial three-way architectural speakers to deliver the highest midrange acoustic realism.







	Tall Rectangle			Rectangle		Square			Soundlight Square	Round	Round			Soundlight Round
Woofer	5 x 160 mm (5 x 6.5 in.)	3 x 160 mm (3 x 6.5 in.)	4 x 100 mm (4 x 4 in.)	200 mm (8 in.)	160 mm (6.5 in.)	200 mm (8 in.)	160 mm (6.5 in.) T Series 115mm (4.5 in.)	130 mm (5.25 in.)	100 mm (4 in.)	250mm (10 in.)	200 mm (8 in.)	160 mm (6.5 in.) T Series 115mm (4.5 in.)	130 mm (5.25 in.)	75 mm (3 in.)
Cut-out	1052 x 209 mm (41.42 x 8.23 in.)	660 x 209 mm (25.98 x 8.23 in.)	476 x 114 mm (18.74 x 4.49 in.)	334 x 238 mm (13.15 x 9.37 in.)	274 x 194 mm (10.79 x 7.64 in.)	238 x 238 mm (9.37 x 9.37 in.)	194 x 194 mm (7.64 x 7.64 in.)	158 x 158 mm (6.22 x 6.22 in.)	112 x 112 mm (4.41 x 4.41 in.)	Ø 300mm (11.81 in.)	Ø240 mm (Ø9.45 in.)	Ø196 mm (Ø7.71 in.)	Ø158 mm (Ø6.22 in.)	Ø118 mm (Ø4.65 in.)
REFERENCE Extreme Theatre	 CI5160REF-THX	 CI3160REF-THX												
R SERIES Extreme Theatre	 CI5160RL-THX	 CI3160RL-THX				 CI200RS-THX				 CI250RRM-THX	 CI200RR-THX	 CI160RR-THX		
Q SERIES Uni-Q Driver			 CI4100QL-THX	 CI200QL	 CI160QL	 CI200QS	 CI160QS	 CI130QS	 CI100QS		 CI200QR	 CI160QR	 CI130QR	 CI100.2QR
C SERIES Uni-Q Driver					 CI160.2CL		 CI160.2CS	 CI130.2CS			 CI200.2CR	 CI160.2CR	 CI130.2CR	
E SERIES Uni-Q Driver							 CI160ES				 CI200ER	 CI160ER	 CI130ER	
C SERIES Dual Stereo							 CI160CSds					 CI160CRds		
FL SERIES Flush Mount								 CI130QSfl					 CI130QRfl	
T SERIES & SUBWOOFERS Thin Speakers & Subwoofers		Subwoofer  CI3160RLb-THX KASA500 Required				Subwoofer  CI200Qsb-THX KASA500 Recommended	Thin  CI160TS			Subwoofer  CI250RRb-THX KASA500 Required	Subwoofer Thin  CI200TRb KASA500 Recommended	Thin  CI160TR		
Rough-in Frame	RIF5160L	RIF3160L	RIF4100L	RIF200L	RIF160L	RIF200S	RIF160S	RIF130S	RIF100S	N/A	RIF200R	RIF160R	RIF130R	RIF100R
Rear Enclosure	N/A	N/A	N/A	RNC200L	RNC160L	RNC200S Excluding CI200RS-THX & CI200Qsb-THX	RNC160S	RNC130S	RNC100S	N/A	RNC200R Excluding CI200RR-THX	RNC160R	RNC130R	RNC100R

SUBWOOFER					
Woofer	200 mm (8 in.)	254 mm (10 in.)	305 mm (12 in.)	165 mm (6.5 in.)	225 mm (9 in.)
Dimensions (H x W x D) with rear panel and feet	293 x 293 x 310 mm (11.5 x 11.5 x 12.2 in.)	370 x 353 x 370 mm (14.6 x 13.9 x 14.6 in.)	410 x 393 x 410 mm (16.1 x 15.5 x 16.1 in.)	246 x 256 x 248 mm (9.68 x 10.07 x 9.76 in.)	353 x 330 x 361 mm (13.9 x 11.8 x 14.2 in.)
					
	Kube 8b	Kube 10b	Kube 12b	KC62	KF92

KEF's range of powerful, yet easily integrated subwoofers feature cutting-edge acoustic and proprietary DSP technologies in order to deliver an impactful, detailed performance. Flexible installation options ensure any system can benefit from the addition of a KEF subwoofer.

OUTDOOR		
Woofer	160 mm (6.5 in.)	130 mm (5.25 in.)
Dimensions (H x W x D)	300 x 226 x 263.5 mm (11.8 x 9 x 10.37 in.)	262 x 197 x 235 mm (10.3 x 7.75 x 9.25 in.)
Finish	White/Black	White/Black
VENTURA	 Ventura 6	 Ventura 5

## OPTIONAL

### AMPLIFICATION

**KASA500**

KASA500 is a powerful 2x250W Class D stereo amplifier. With powerful, bespoke DSP utilizing KEF's proprietary iBX technology that extends the bass depth dynamically, KASA500 unlocks the full potential of the driver's power at any listening level. Custom EQ settings optimise the performance of KEF subwoofers into any installation, and limitless system configurations are possible through the inclusion of high-level speaker and line level inputs, plus signal pass-through with full range or adjustable high pass operation. Rackmount ears included.

### ACCESSORIES



**Steel Rough-in Frames** (See table for product code)

Rough-in Frames (new construction brackets) are used with in-wall and in-ceiling speakers and are available for most models. Installed during the pre-wiring of a new construction installation, they allow the installer to reserve the space in the wall or ceiling and simplify cutting the perfect hole size.



**Steel Rear Enclosures** (See table for product code)

Metal Rear Enclosures (back boxes) are available for most models of KEF architectural speakers. Installed during the pre-wiring of a new construction installation they provide a sealed enclosure for the loudspeaker and reduce sound transmission to the room behind the speaker.

**SPEAKER NOMENCLATURE**

**EXAMPLE - Ci160CRds**

The diagram illustrates the components of the speaker model **Ci160CRds**:

- Ci160C**: Range Name
- R**: Woofer Size (Round)
- ds**: Special Application (Dual Stereo)

The final assembly is **Ci160CRds**.

## FEATURES



## EXTREME HOME THEATRE

A complete system certified to THX Ultra/ THX Select standards, the Ci-REFERENCE and Ci-R Series consists of four powerful in-ceiling speakers that can be combined with one of four in-wall models and a choice of three high-performance powered subwoofers. As you might expect, its towering performance sets the standard for custom installed speakers.

## UNI-Q®

KEF's patented Uni-Q driver technology places the tweeter at the acoustic centre of the bass/midrange cone so that both act as a single source, dispersing sound widely and evenly over a large area. No matter the placement, KEF custom installation speakers deliver effortlessly natural sound with minimal distortion to every person in the room.



Ci250RRb-THX

## INSTALLED SUBWOOFER

With four models to choose from, KEF installed subwoofers are the foundation for your theatre or music room, offering all the impact, drama, and intensity of movie soundtracks, while also being incredible discrete and preserving floor space. Plus, our THX Select and THX Ultra certified in-wall subwoofers are built with a serious regard for the aesthetic appeal that will satisfy even the most demanding interior designer.

The ultra-high performance Ci250RRb-THX offers a massive 10inch driver, Ci200Qsb-THX has an 8inch driver, Ci3160Rlb-THX boasts three 6.5inch woofers on a rigid aluminium baffle, and the svelte Ci200Trb requires only 59mm of mounting depth. All can be driven by the powerful KASA500 amplifier (2x250W), whose custom DSP EQ curves allow them to adapt to any room.



OUTDOOR

Weatherproof, IP65 certified and salt spray tested, marine quality Ventura Series outdoor models can flood your pool, garden or yacht with high quality sound, even in the most extreme atmospheric conditions.

- Weatherproof sealed enclosure
- Salt spray tested for over 1200 hours
- Operating temperature range: -40 to +70C (-40 to +158F)
- Independent test lab certified IP65
- Aluminium grille and mounting bracket, ¾" -20 threaded inserts for mounting options
- Stainless steel / brass hardware
- Rotatable logo

EXTREMELY LOW PROFILE

When nothing else will fit at 40mm (1.57in.) deep, requiring a mounting depth of only 36mm (1.42in.), the Ci160TR round, the Ci160TS square, and the Ci200TRb subwoofer at 59mm are the slimmest architectural speakers in the world, and all fit snugly into even the narrowest voids without compromising audio performance.



## ULTRA THIN BEZEL

Offers the slimmest visible rim around the speaker while casting virtually no shadow. Designed to sit tight to the wall or ceiling with no visible gap, KEF speakers disappear as if part of the ceiling. Coupled with a magnetic grille that is as silent as it is acoustically transparent, KEF architectural speakers are fast and easy to install for the ultimate in discreet installation.

DUAL STEREO

For areas with space for only one speaker, KEF's Ci Series Dual Stereo model plays left and right channels from a single unit containing twin tweeters and a dual voice coil woofer.

## SOUNDLIGHTS

As discreet as LED downlights, KEF's tiny Soundlights give you big speaker performance with outstanding sound coverage, thanks to Uni-Q's exceptional wide dispersion.

\*KEF Ci subwoofer requires the KASA500 subwoofer amplifier. \*\*Ultra certification requires 4 x Ci3160RLb-THX, or 4 pairs x Ci200Qsb-THX used with 2 x KASA500; 4 x Ci250RRb-THX used with 1 x KASA500. \*\*\*Select certification requires 2 x Ci3160RLb-THX, 2 x Ci250RRb-THX or 2 pairs x Ci200Qsb-THX used with 1 x KASA500.  
†Not all accessories and finishes are available in all markets, contact your local dealer for specific range details. THX and the THX logo are trademarks of THX Ltd. which are registered in some jurisdictions. All rights reserved.