





OBSESSED WITH HIGH RESOLUTION



Architectural Speakers 2017





















### OBSESSED WITH HIGH RESOLUTION

KEF, one of the originators of British Hi-Fi sound, has more than 55 years of pioneering award winners from professional studio monitors to the legendary Reference Series and the recent ground-breaking MUON, BLADE and LS50.

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

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 architectural speakers, everyone gets to enjoy uncompromised audiophile quality sound.

## HIDE YOUR SPEAKERS, NOT YOUR SOUND

KEF architectural speakers deliver accurate three dimensional sound you'd expect from the best conventional speakers – startingly clear and breathtakingly realistic.



KEF's passion for acoustic excellence shines through in every model. By combining radically innovative engineering with sophisticated design technologies, the KEF architectural speakers 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's a model for every application, from tiny ceiling speakers in the size of downlights to motorised super-premium home theatre speakers that glide into place at the touch of a button. All are ruggedised for harsh environments such as bathrooms or boats.

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 installers. With only a few simple steps and unique design features, KEF architectural speakers can be fitted quickly, with no special skills. With only a few simple steps, KEF architectural speakers can be fitted quickly with no special skills needed. Once the hole is cut and the cable run, the area is soon filled with great high definition sound.



### 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 that is enhanced by technologies found nowhere else.



**Uni-Q driver array** - KEF's patented Uni-Q technology places the tweeter in the acoustic centre of the bass/midrange cone so that both act as a single source that disperses the sound widely and evenly over a large area. By eliminating the 'sweet spot' restrictions of conventional speakers, this gives you complete freedom of positioning.



Marine Grade Construction - All KEF architectural speakers with UTB trim are built "Marine Grade" with grilles plated and powder-coated by a proprietary process, moisture-resistant fixings, UV protected plastics, and other special materials. With IP64 certification, they withstand harsh, humid, and salty spray environments and are designed to be used in such locations as bathrooms, near pools, beside the ocean or on your yacht.



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



**Magnetic assembly** - Grilles are retained by a powerful magnetic circuit for installation in seconds.

### EXTREME HOME THEATRE



For the ultimate custom installed home cinema, the formidable new Ci-REFERENCE and Ci-R Series have the jaw-dropping acoustic capabilities of the classic KEF floorstander it's named after, with all the drama and emotional intensity of full theatre sound quality. A complete system certified to THX Ultra2/Select2 standards, the Ci-REFERENCE and Ci-R Series, each consists of two powerful in-ceiling speakers that can be combined with one of four in-wall models and a choice of two sensational new powered subwoofer configurations. Its towering performance sets a new standard for custom installed speakers.

### EXTREMELY LOW PROFILE



Ci160TR



Ci160TS

With its patented ultra-low profile speaker driver, the revolutionary Ci-T Series fits snugly into even the narrowest voids while delivering all the lavishly detailed and evenly dispersed imagery of KEF's latest 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 Ci-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 speaker, and an equally accomplished sonic performer, it's another example of KEF innovation benefiting the installer as much as the listener.



	Tall Rectangle Recta				ectangle Square			Round			Soundlight						Subwoofers		Motorised		Commercial Round					
Woofer	5 x 160mm	3 x 160mm	4 x 100mm	200mm	I60mm	200mm	160 mm (6.5 in.) T Series	130mm	200mm	160 mm (6.5 in.) T Series	I30mm	Square	I00mm	ound 50mm	Square 160mm	Round 160mm (6.5in.)	Rectangle  3 x 160mm	200mm	Round 200mm	200mm	3 × 75mm	160mm	II5mm	110mm (4.3in.)		
Cut-out	(5 x 6.5in.)	(3 × 6.5in.) 660 × 209mm	(4 x 4in.) 476 x 114 mm	(8in.)	(6.5in.)	(8in.) 238 x 238mm	115mm (4.5 in.) 194 x 194mm	(5.25in.)	(8in.) Ø240mm	T Series 115mm (4.5 in.)	(5.25in.) Ø158mm	(4in.)	(4in.) Ø118mm	(2in.) Ø65mm (Ø2.56in.)	(6.5in.)	Ø196mm	(3 x 6.5in.) 660 x 209mm	(8in.) 238 x 238mm	(8in.) Ø240mm	(8in.) 363 x 260mm	(3 x 3in.)	(6.5in.) Ø240mm	(4.5in.) Ø196mm	(4.3in.) Ø196mm (Ø7.71in.)	OUTDOO	○ P
Ci-REFERENCE		(25.98 × 8.23in.)	(18.74 × 4.49 in.)	(13.15 × 9.37in.)	(10.79 × 7.64in.)	(9.37 x 9.37in.)	(7.64 x 7.64in.)	(6.22 x 6.22in.)	(Ø9.45in.)	(Ø7.71in.)	(Ø6.22in.)	(4.41 x 4.41in.)	(Ø4.65in.)	(Ø2.56in.)	(7.64 × 7.64in.)	(Ø7.71in.)	(25.98 × 8.23in.)	(9.37 x 9.37in.)	(Ø9.45in.)	(14.29 x 10.24in.)	(4.41 x 13.94in.)	(Ø9.451in.)	(Ø7.71in.)	(Ø7.71in.)		JK
Extreme Theatre	VL78A2																								Woofer	
Uni-Q <sup>5</sup> Expenses CMC																									Dimensions (H×W×D)  Finish	30)
	Ci5160REF-THX																								VENTURA	
Ci-R SERIES Extreme Theatre	THX VII 942																								*Ventura 5T has 70/I	/100 volt t
Uni-Q* CMC		THX.															*** ***								OPTIONA	AL
						<u>IHX</u>			<u>IHX</u>																AMPLIFIC	CATIC
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	Ci5160RL-THX	Ci3160RL-THX				Ci200RS-THX			Ci200RR-THX								Ci3160RLb-THX KASA500 Required								KASA500 KEF's KASA500 is a	a powerful
Ci-T SERIES  William Company C							· • •																		presets optimised to With both line and the KASA500 is ver	nd speaker le
MGC Verypore CMC																									included.	i saure and
							Cil60TS			Cil60TR									Ci200TRb KASA500 Recommended	1					ACCESSO	) RIES
Ci-Q SERIES																									•••	••
						[20 O												*** ***							Steel Rough in Fr (See table for product coo	Frames
																									Rough-in Frames (n are used with in-wa are available for mo	wall and in-ce nost models.
			Ci4100QL-THX	Ci200QL	Cil60QL	Ci200QS	Cil60QS	Cil30QS	Ci200QR	Cil60QR	Cil30QR	Cil00QS	Cil00.2QR					Ci200QSb-THX KASA500 Recommended		Ci200.3QT	Ci3-80QT	Cil60QCT	Cil15QCT		pre-wiring of a new allow the installer to or ceiling and simpli	to reserve t
Ci-C SERIES																										
Uni-Q® MGC Tegeror Velegate CMC					0										8										TECHNO	LOG
					0		0																		Uni-C	-Q driver
<b>C: F</b> CEDIFC					Cil60.2CL		Cil60.2CS	Cil30.2CS	Ci200.2CR	Cil60.2CR	Cil30.2CR			Ci50R	Ci160CSds	Cil60CRds									area.	a single soo a. By elimii
Ci- E SERIES																									this g	gives you rine Grad
College Carle																									propi	n are built prietary p er special
									Ci200ER	Cil60ER	Cil30ER														and s as ba	I salty spra pathrooms
Ci-CLASSIC SERIES																									Tange Uni-C	
																									Magn cmc instal	<b>inetic ass</b> allation in
																						Cil60ST		CilloFCT		
Rough-in Frame	RIF5160L	RIF3160L	RIF4100L	RIF200L	RIFI60L	RIF200S	RIFI60S	RIF130S	RIF200R	RIF160R	RIFI30R	RIFI00S	RIFI00R	N/A	RIF160S	RIFI60R	RIF3160L	RIF200S	RIF200R	N/A	N/A	RIF200R	RIF160R	RIFI60R	SPEAKER	NOI
Rear Enclosure	N/A	N/A	N/A	RNC200L	RNC160L	RNC200S excluding Ci200RS-THX	RNC160S	RNC130S	RNC200R	RNC160R	RNCI30R	RNCI00S	RNC100R	Ci50CAN	RNC160S	RNC160R	N/A	N/A	RNC200R	N/A	N/A	N/A	N/A	N/A	Ci 160 C R	Rds
FEATURES																										
EXTREME HOME THEATRE  OUTDOOR  EXTREMELY LOW PROFILE  SOUNDLIGHTS  A complete system certified to THX Ultra2/Select2 standards, the new Ci-REFERENCE  Weatherproof, IP65 certified and salt spray tested, marine quality Ventura Series outdoor  When nothing else will fit at 40mm (1.57in.) deep, requiring a mounting depth of only  As discreet as halogen downlights, KEF's tiny Soundlights give you big speaker performance  When nothing else will fit at 40mm (1.57in.) deep, requiring a mounting depth of only  As discreet as halogen downlights, KEF's tiny Soundlights give you big speaker performance												ormance with														
THX	and Ci-R Series, each	n consists of two power	erful in-ceiling speakers ice of two sensational r	that can be combined	d			your pool, garden or ya		sound, even in the mos	st :	36mm (1.42in.), the Cil at 59mm are the slimm	160TR round, the Cilé	60TS square, and the C	Ci200TRb subwoofer	Desig	ned to sit tight to the w	wall or ceiling with no v	isible gap, KEF archite	ctural speakers	outstanding sound coverage, thanks t					

# INSTALLED SUBWOOFER

Ci200QSb-THX

The powerful KASA500 amplifier (250Wx2) featuring selectable customized equalization and compression limiting, is designed to maximize the performance of each KEF subwoofer option which includes three superlative subwoofers: The Ci200QSb-THX with a massive 8inch driver, the Ci3160RLb-THX with three lighting fast 6.5inch woofers on a rigid aluminum baffle, and the svelte Ci200TRb that requires only 59mm of mounting depth.

configurations. Its towering performance sets a new standard for custom installed speakers.



Salt spray tested for over 1200 hours Operating temperature range: -40 to +70°C (-40 to +158°F) Independent test lab certified IP65

Weatherproof sealed enclosure

Rotatable logo

Aluminium grille and mounting bracket, 1/4" -20 threaded inserts for mounting options Stainless steel / brass hardware



the narrowest voids without compromising audio performance.

# Ci-T SERIES

Designed to sit tight to the wall or ceiling with no visible gap, KEF architectural 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, the Dual Stereo model plays left and right channels from a single unit containing twin tweeters and a dual voice coil woofer.

MOTORISED

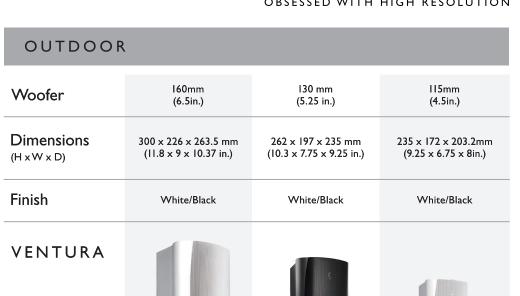
Lowering smoothly and quietly into place on demand, the motorised range offers the ultimate in discreet audiophile quality home entertainment speaker systems.

## COMMERCIAL

Ci commercial in-ceiling speakers assure clarity, reliably consistent tonality and superlative build

- quality for music, paging and announcements in business or retail premises.
- Integral fire-rated metal rear enclosure UL2043-approved for use in air handling spaces
- UL1480-5-approved for use in fire protection signalling systems Front-mounted switch for selecting 8ohm or 70/100 volt operation

Includes the hardware for mounting above a suspended ceiling or in a hard ceiling



Ventura 5T has 70/100 volt transformer built-in

## AMPLIFICATION



## KASA500

KEF's KASA500 is a powerful stereo 250watt Class-D amplifier. This DSP controlled system amplifier has presets optimised to deliver thunderous bass from KEF Ci subwoofers.

With both line and speaker level inputs, and DSP configurable pass-through with optional high pass filters, the KASA500 is versatile and can be deployed in limitless system configurations. Optional rack mount ears

## 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

# Steel Rear Enclosures

Metal Rear Enclosures (back boxes) are available for most models. Installed during the pre-wiring are available for most models. Installed during the of a new construction installation, they provide pre-wiring of a new construction installation, they a sealed enclosure for the loudspeaker and allow the installer to reserve the space in the wall reduce sound transmission to the room behind or ceiling and simplify cutting the perfect hole size. the speaker.

# TECHNOLOGIES

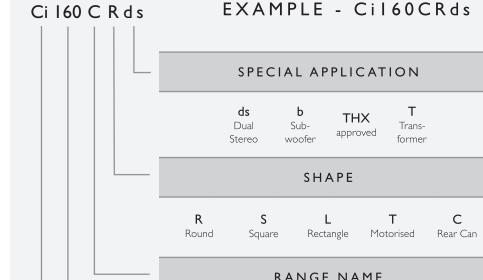
Uni-Q driver array - KEF's patented Uni-Q technology places the tweeter in the acoustic centre of the bass/midrange cone so that both act as a single source that disperses the sound widely and evenly over a large area. By eliminating the 'sweet spot' restrictions of conventional speakers, this gives you complete freedom of positioning.



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

## Magnetic assembly - Grilles are retained by a powerful magnetic circuit for installation in seconds.

# SPEAKER NOMENCLATURE



RANGE NAME

REF R Q T C E Reference R Series Q Series T Series C Series E Series WOOFER SIZE (MM)

CUSTOM INSTALLATION



## INSTALLED SUBWOOFERS





If you want your 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 customized equalization and compression limiting, is designed to maximize the performance of each KEF subwoofer option which includes three superlative subwoofers: The Ci200QSb-THX with a massive 8inch driver, the Ci3160RLb-THX with three lighting fast 6.5inch woofers on a rigid aluminum baffle, and the svelte Ci200TRb that requires only 59mm of mounting depth.



Ci3160RLb-THX

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, that provides you a true high performance discrete theatre system. Refined yet gutsy, two Ci3160RLb-THX, or four of the Ci200QSb-THX powered by the KASA500 meet THX Select2 standards; double that to achieve THX Ultra2. 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.



Ci200TRb-THX



Ci200QSb-THX



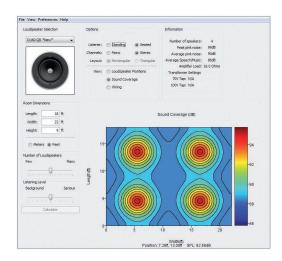
KASA500 Amplifier



## Ci SOFTWARE

Simple to use, with pull-down menus and sliders to define the room size, desired volume and coverage pattern, the KEF architectural 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.

Download at: international.kef.com/ci\_software





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