



# E305

## Home Theatre Speaker System



**1 Year**  
WARRANTY

### Product information

A perfectly balanced, seamlessly integrated high end 5.1 sub/sat system based on KEF's new 4.25" Uni-Q driver array and a superlative matching subwoofer, the new E305 home theatre system outperforms the competition by filling the room with a spacious, exquisitely detailed and compellingly natural soundscape that captures all the magic of the original performance.

### Features & Benefits

#### *New 4.25inch Uni-Q driver array*

The secret of the E305 system's outstanding hi-fi response lies in the latest iteration of KEF's signature Uni-Q driver array, originally developed for the multiple award-winning Q Series. With its famously wide dispersion characteristics and sonic purity, this technology is what gives the system its extraordinarily natural sound quality.

#### *Uni-Q Tweeter*

The tweeter at the centre of the midrange cone is vented to prevent distortion-inducing high pressure from building up behind the dome, so the response in the critical vocal region remains intricately detailed with every nuance of the original recording. With KEF's 'Tangerine' waveguide, it encourages the sound to radiate evenly, increasing both the dispersion and sensitivity of the tweeter for a more natural performance throughout the listening area.

#### *Uni-Q MF/LF driver*

Being stiffer than conventional materials, the aluminium midrange cone operates rigidly over the entire vocal range for the smooth, clear midrange response that reproduces the human voice with stunning accuracy. KEF's Z-flex surrounding cone provides a smooth, uninterrupted surface over which the tweeter's output passes with no disturbance or diffraction. Its undercut magnet designed driver motor, which usually is only found in high end speakers, reduces midrange distortion by generating a very symmetrical magnetic field, resulting transparency helps to create the feeling of 'being there'.

## Satellites

It takes more than a great driver to create a class-leading satellite speaker, and the E301 satellite was designed from the start as a single perfectly balanced system with the crossover, cabinet and drivers working together in harmony.

The less there is to intermediate the recorded signal, the clearer the sound. To eliminate secondary radiation and cabinet coloration, the enclosures are heavily reinforced with internal ribbing and damping technologies to ensure sonic accuracy with no unwanted resonances. The low diffraction cabinets are carefully engineered to minimise scattering of the output, so nothing subtracts from, nor adds to, the sound from the driver.

## Subwoofer

The E305 system is designed to deliver exceptional bass performance, with the sub seamlessly integrated within the rest of the system, so it sounds like five full-range loudspeakers. The frequency and phase response of the sub and satellites are carefully matched to smoothen the transition, so you can't hear where the satellite stops and the sub starts.

With a large, powerful motor system driving a long throw 8-inch cone, low frequency reproduction remains composed and unerringly accurate, even at high volume. Based on a Linkwitz Transform circuit to minimise any signal group-delay that would otherwise muddy the bass, the on-board pre-amp assures noticeably cleaner and more accurate low frequency reproduction.

A closed-box design, the E-2 subwoofer delivers agile extended bass response without overhang - fast, punchy and well defined. Like the satellites, the cabinet borrows damping technologies from the LS50 to avoid resonance and secondary radiation to ensure tight, clean and immaculately controlled bass.

## Features & Benefits

### EXTREMELY ICONIC

KEF's award-winning original KEF KHT2005 and KHT3005 'egg' system revolutionised home entertainment with its supremely accurate 3D sound from distinctive small speakers packed with unique technologies. Redesigned to take advantage of design innovations developed for KEF's most sophisticated audiophile speakers, the all-new E305 system raises the bar even further - at a surprisingly affordable price. Available in deep black or pure white, the silky matte finish is complemented by satin chrome cast aluminium bases that simply rotate to form wall brackets. Beautifully engineered bespoke stands are also available to help positioning around the listening environment.

### EXTREMELY SIMPLE

Everything about the new E305 system is designed to make life easier and more pleasurable. It's simple to hook up to any AV receiver which also controls the output level of the subwoofer. With no special tools or skills required, you'll set up your system for optimum performance in no time. Whether it's on the desk, on wall or floor stands, set-up couldn't be simpler.

## Specifications

<b>PRODUCT EXTERNAL DIMENSIONS</b>	<b>624 x 415 x 542 (mm)</b>
<b>WEIGHT</b>	<b>19.3kg</b>
<b>UNIT MEASUREMENT</b>	<b>System</b>
<b>DOCUMENT DOWNLOAD</b>	<b>E Series Brochure</b>
	<b>E Series Product Information Sheet</b>
	<b>E305 Manual</b>

