

Ci200ER



Architectural Speaker

Product Overview

The KEF Ci200ER is a high performance speaker designed for in-ceiling and flush mount installations. It's a coincident point source design featuring KEF's proprietary "sit-anywhere" Uni-Q® technology with a driver array that includes a 16mm high frequency aluminium tweeter mounted in the acoustic centre of the 200mm low frequency woofer. The Ci200ER meets IP64 certification requirements and is specifically engineered to deliver exceptional acoustic performance in a value oriented package. The ABS assembly, Ultra-Thin Bezel and grille, are UV protected to withstand continued operation in direct sunlight. The KEF Ci200ER is the ideal choice for foreground, background, and announcement applications in hotels, convention centres, and other commercial venues.



Key Features

KEF "Sit-anywhere" Uni-Q® Technology – This proprietary driver array places the tweeter in the acoustic centre of the woofer delivering wide dispersion with consistent sound characteristics throughout the space. Because the high and low frequencies originate from the same point, acoustic lobing problems common to other speaker designs are virtually eliminated allowing fewer speakers to deliver smooth coverage across a wide listening area.

Weather Resistant – Manufactured using a proprietary plating and powder coating process, the KEF Ci200ER is UV protected and designed to withstand the harshest operating environments.

Magnetic Grille – For security and ease of installation the grille attaches by a powerful magnetic circuit and can be painted to match any décor.

Universal cut-out – All KEF 200mm round in-ceiling speakers utilise the same diameter opening for ease of installation and flexible component selection.

IP64 Certification – The speaker passed official IEC testing to ensure that splashing water would have no harmful effects on assembly components.

Architect and Engineer Specifications

The speaker shall be designed for in-ceiling and flush mount installations and utilise a coincident point source design with the high frequency tweeter mounted in the centre of the low frequency woofer.

The speaker shall consist of a 200mm low frequency woofer and a 16mm aluminium dome high frequency tweeter mounted in a UV protected ABS baffle with a paintable bezel of no more than 5mm in width. The grille shall also be paintable, include a paint shield, and attach by a powerful magnetic circuit for ease of installation and security. The speaker design shall be open back and deliver a minimum frequency response of 45Hz-20kHz +/- 6 dB. The speaker shall not weigh more than 1.6kg.

The nominal impedance of the speaker shall be 8 ohms and it must achieve a minimum pressure sensitivity of 90 dB SPL at 1 meter on-axis with an input of 2.83 volts. The crossover frequency between the woofer and tweeter shall be 2.8kHz. The speaker shall meet numerous safety and performance standards listed by regulatory bodies around the world.

The speaker shall be the KEF Ci200ER.

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Specifications

Model	Ci200ER	
Series	E Series	
Nominal impedance	8Ω	
Sensitivity (2.83V/1m)	90dB	
Frequency response (±6dB) open-backed	45Hz - 20kHz	
Frequency range (-10dB)	38Hz - 45kHz	
Nominal coverage (degrees)	100°	
Max SPL (dB)	106dB	
Crossover frequency	2.8kHz	
Drive units	LF	200mm (8in.) Uni-Q
	HF	16mm (0.6in.)
Recommended amplifier power	10 - 125W	
Recommended high-pass filter (Hz)	40Hz	
Product external dimensions	Diameter Ø	289.6mm (11.4in.)
	Depth	103.3mm (4.07in.)
Cut-out dimensions	Diameter Ø	240mm (9.45in.)
Net weight	1.6kg (3.6lbs)	
Mounting depth from surface	97.2mm (3.83in.)	
Optional rough in frame	RIF200R	
Optional rear enclosure	RNC200R	
Ideal rear volume (L)	60L	
Minimum rear volume (L)	30L	
Certification	IP64	

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KEF reserves the right, in line with continuing research and development, to amend or change specifications. E&OE.

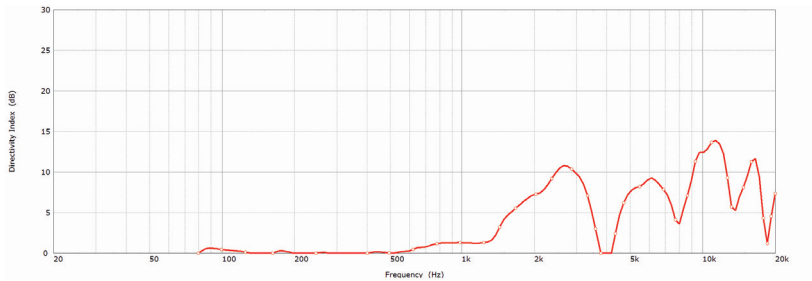
The Ci speakers that utilise THX in the model name have undergone and passed certified THX approval.

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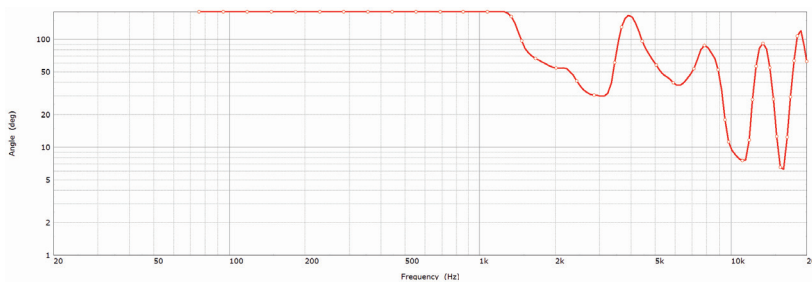


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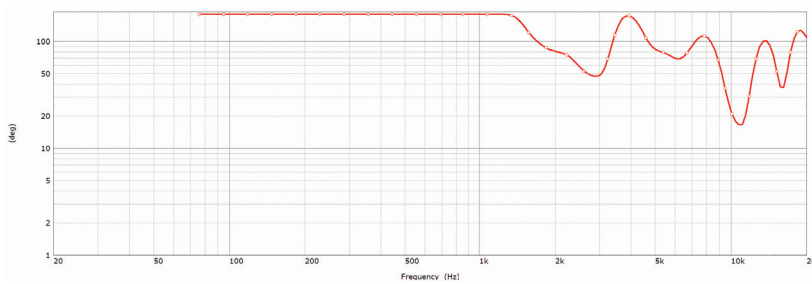
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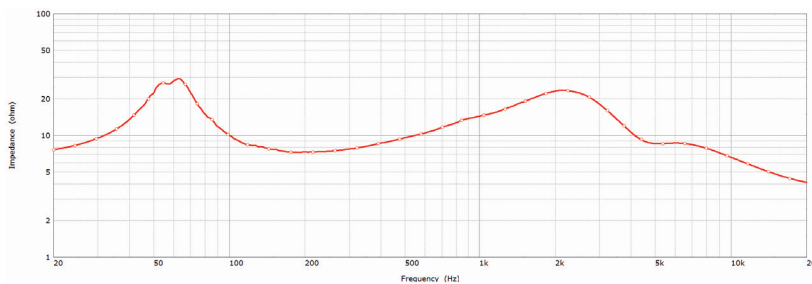
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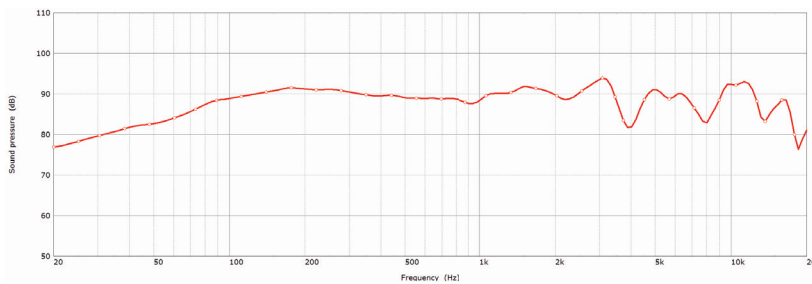
Beamwidth -6dB



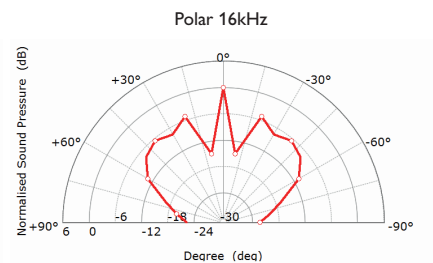
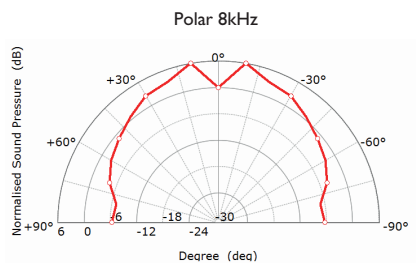
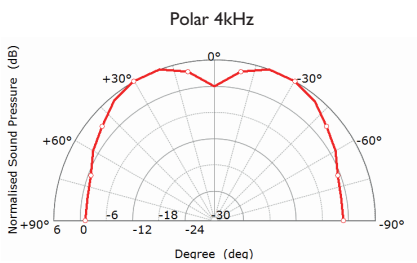
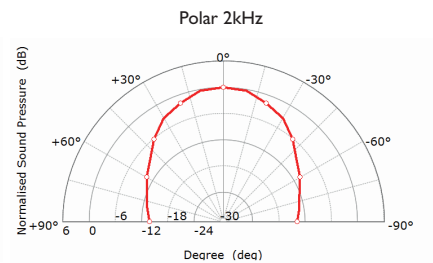
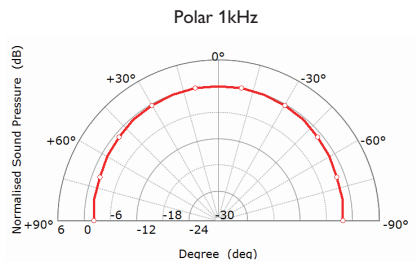
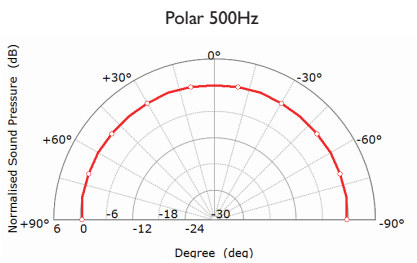
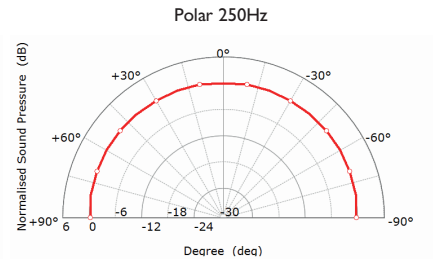
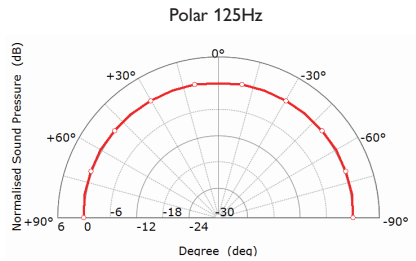
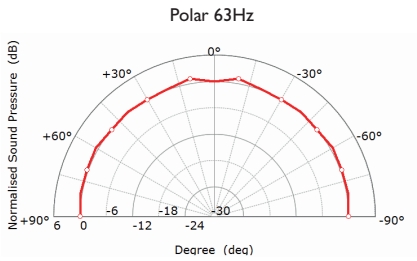
Impedance



Sensitivity (2.83V/1m)



Polar Responses

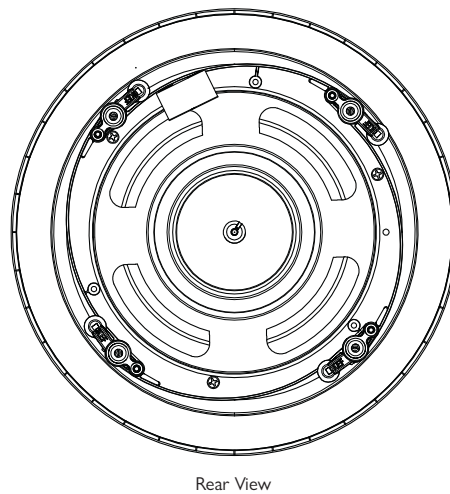
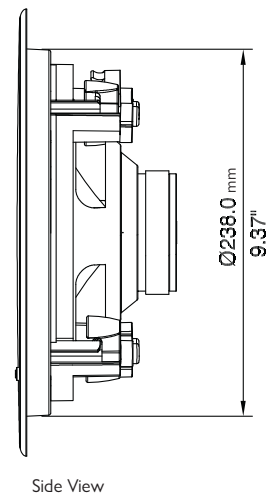
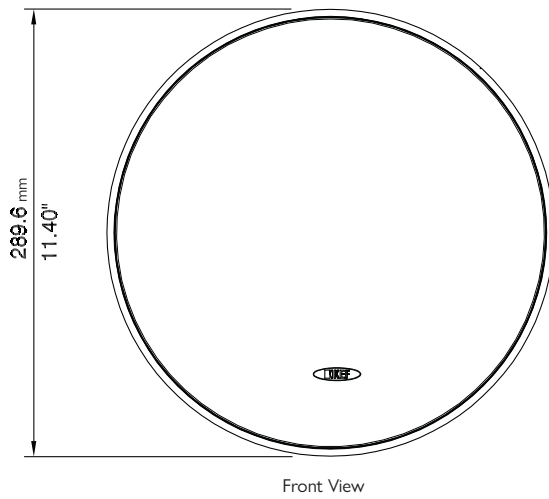
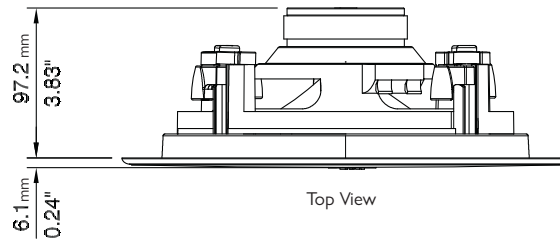


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Mechanical Diagrams



Dimensions in mm (inches)

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