

Ci200RR-THX



Architectural Speaker

OBSESSED WITH HIGH RESOLUTION

Product Overview

The KEF Ci200RR-THX is an ultra-high-performance coincident point source loudspeaker designed for in-ceiling or in-wall flush mount installations. It features patented Uni-Q® technology with a 38mm high frequency tweeter mounted in the acoustic centre of the 200mm low frequency woofer delivering exceptionally wide dispersion and hi-fidelity audio across a large listening area. The Ci200RR-THX is IP64 and THX® Ultra2™ certified and specifically engineered to maintain exceptional sound quality at high outputs exceeding 105dB. Its performance and design characteristics make the Ci200RR-THX the ideal choice for foreground, background, speech, and cinematic applications including 3D immersive audio formats such as Dolby® Atmos™.

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 room. Because the high and low frequencies originate from the same point in space, acoustic lobing problems common to other speaker designs are virtually eliminated and imaging is greatly improved to effectively shift the sound to appear as if it’s originating from behind the video screen.

Tangerine Waveguide™ – In addition to protecting the driver, the Tangerine Waveguide further enhances dispersion allowing for 120 degrees of coverage.

Large 38mm High Frequency Tweeter – The high-power handling aluminium dome tweeter has a wide frequency response and can continuously deliver extremely high output with no audible distortion.

Weather Resistant – Manufactured using a proprietary plating and powder coating process, the KEF Ci200RR-THX is UV protected and designed to withstand harsh operating environments.

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

Ultra-Thin Bezel (UTB) – To maintain a premium aesthetic appearance, the ABS bezel was carefully engineered to be as thin as possible while maintaining the necessary structural rigidity.

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

THX® Ultra2™ Certification – The KEF Ci200RR-THX endured nearly 500 THX laboratory tests to ensure it delivers



full impact entertainment experiences just as the artist intended.

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

Gold-Plated Spring Loaded Binding Posts – This design improves ease of installation and guarantees consistent wire clamping pressure to ensure proper electrical transfer.

Covered Crossover Circuit – The cover adds structural rigidity to the speaker assembly while protecting the electrical crossover components from potential damage.

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 acoustic centre of the low frequency woofer.

The speaker shall consist of a 200mm low frequency woofer and a vented 38mm aluminium dome high frequency tweeter mounted in an ABS baffle with a paintable bezel of no more than 5mm in width. The grill 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 33Hz-28kHz +/- 6 dB. The speaker shall not weigh more than 3.6kg.

The nominal impedance of the speaker shall be 4 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 2.2kHz. The speaker shall be IP64 and THX Ultra2 certified and meet numerous safety and performance standards listed by regulatory bodies around the world.

The speaker shall be the KEF Ci200RR-THX.

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Specifications

Model		Ci200RR-THX
Series		R Series
Nominal impedance		4Ω
Sensitivity (2.83V/1m)		90dB
Frequency response (±6dB) open-backed		33Hz - 28kHz
Nominal coverage		120°
Max SPL		106dB
Crossover frequency		2.2kHz
Drive units	LF	200mm (8in.) Uni-Q
	MF	-
	HF	38mm (1.5in.)
Recommended amplifier power		10 - 190 W
Recommended high-pass filter		35Hz
Product external dimensions	Diameter Ø	290.0mm (11.42in.)
	Depth	132.6mm (5.22in.)
Cut-out dimensions	Diameter Ø	238.0mm (9.37in.)
Mounting depth from surface		126.5mm (4.98in.)
Net Weight		3.6kg (7.94lbs)
Optional rough in frame		RIF200R
Ideal rear volume		20L
Minimum rear volume		10L

Visit [KEF.COM](https://www.kef.com) for more about KEF and its products.

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.

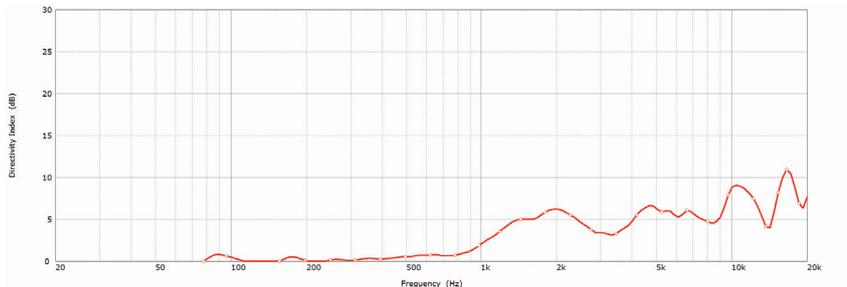
Ci200RR-THX



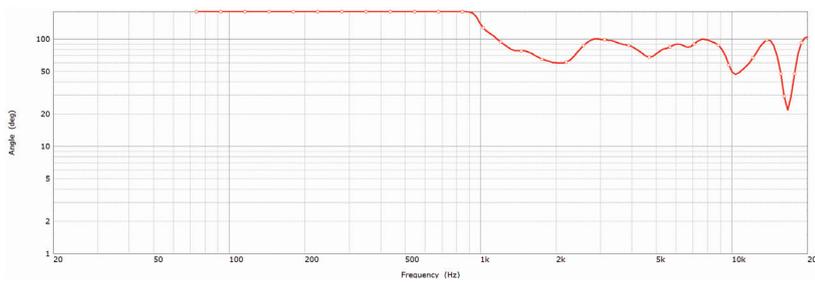
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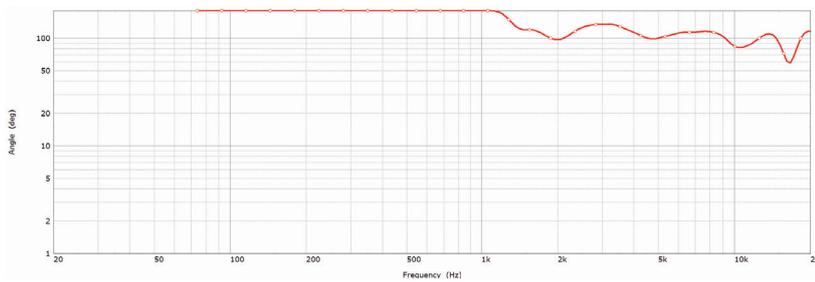
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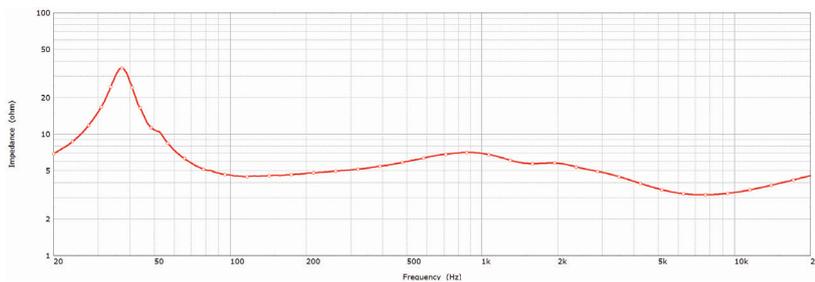
Beamwidth -3dB



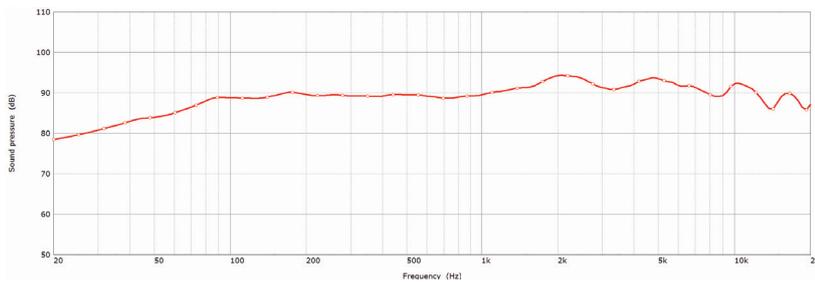
Beamwidth -6dB



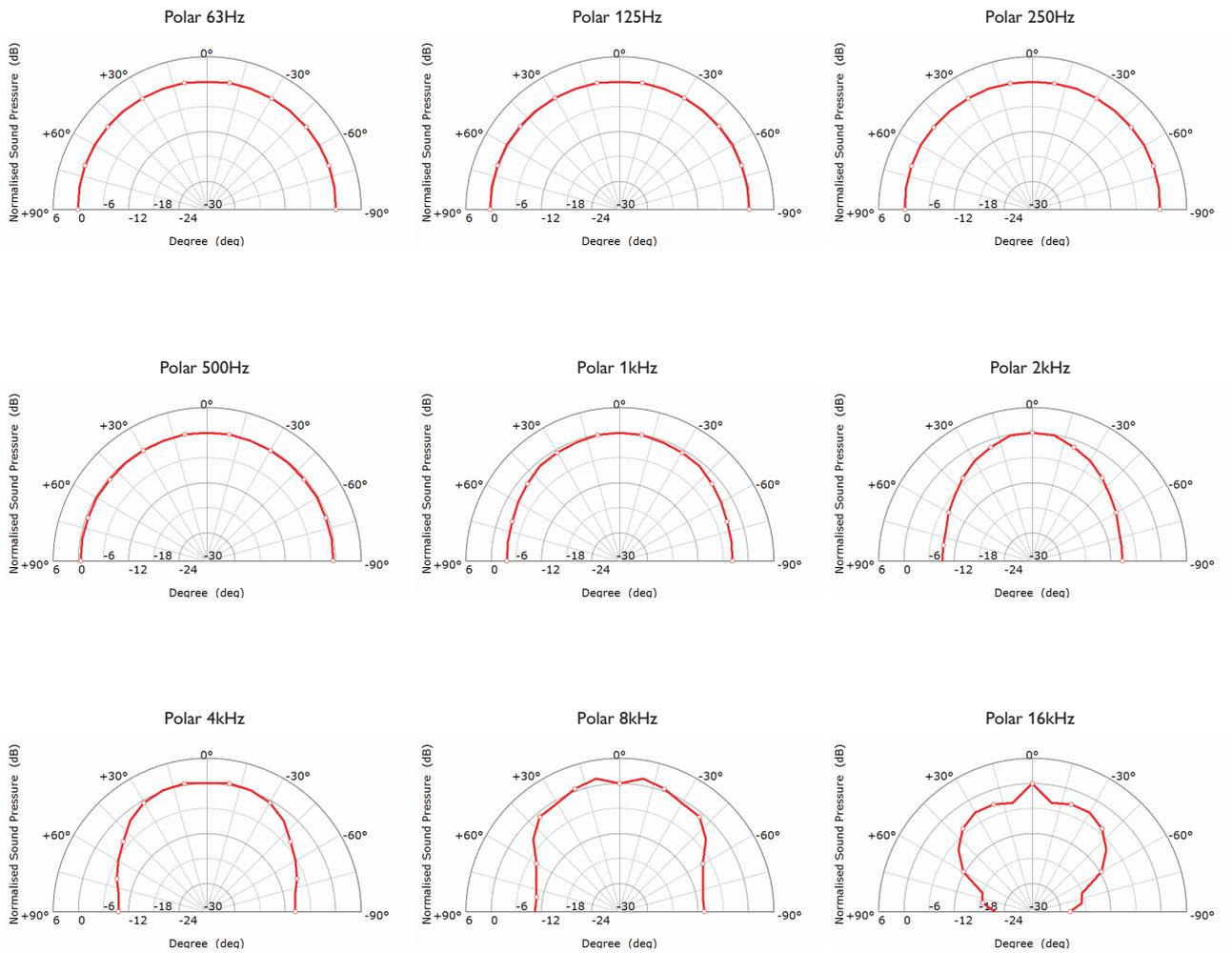
Impedance



Sensitivity (2.83V/1m)



Polar Responses



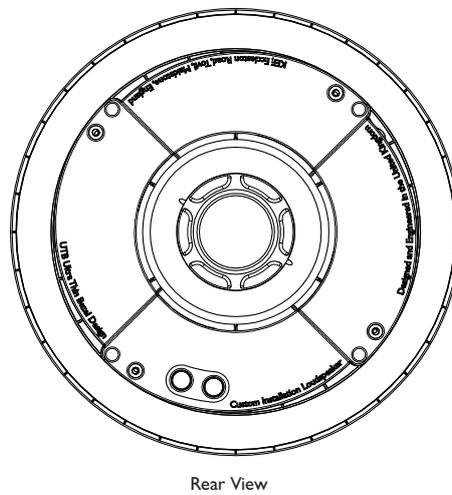
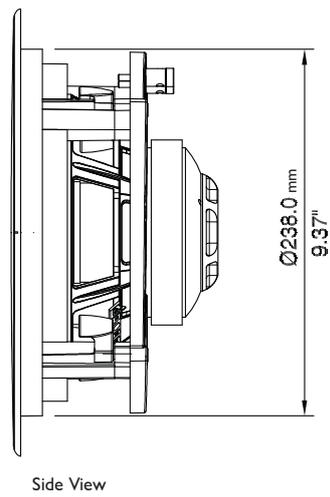
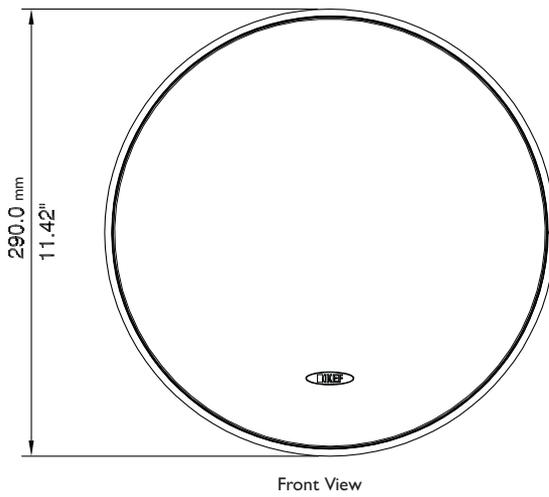
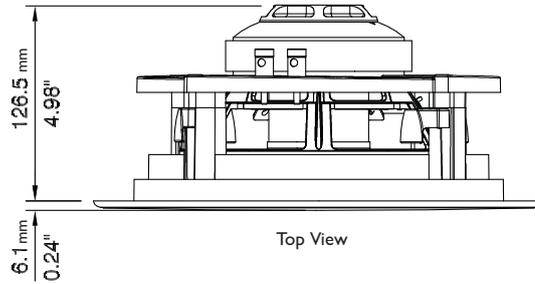
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Mechanical Diagrams



Dimensions in mm (inches)

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