

KEF C SERIES

C15

C25

C45

C65

C200SW





Introducing KEF C Series



For close on 30 years, music lovers and audiophiles alike have turned to the KEF C Series when seeking the finest in performance and value. Here KEF, the speaker engineers, present four C Series models which exemplify the most advanced standards of affordable quality and performance.

Metal dome technology, heavy cast chassis, polypropylene diaphragms and computer optimised dividing networks with carefully chosen low-frequency alignments, are features common to all four of these outstanding loudspeakers. Performance of the C15 and C25 can be considerably enhanced by adding the C200SW stereo subwoofer.





C15. *Compromised on space? No need to compromise on sound.* Small enough to hold in the palm of your hand, the C15 is more than capable of satisfying, full range sound. There is no compromise on build quality, either. The KEF C15 incorporates 110mm (5") polymer bass cone bass unit with die-cast chassis, 19mm (3/4") metal dome tweeter, and recessed, gold-plated terminals. The tweeter's fluid cooling and the bass unit's high temperature voice coil handle up to 60 watts (programme) and produce listening levels in excess of 100dB.

C25. *The latest embodiment of the 'mini-monitor'.* KEF has been at the forefront in eliciting superb sound from tiny loudspeakers since the days of the first 'mini-monitor'. The C25 is a new expression of this great tradition. Bass is provided by KEF's new B160, a 160mm (6 1/2") cone driver with lightweight polymer diaphragm. This bass unit plus the

new 19mm (3/4") metal dome tweeter produce impressive volume levels, good bass extension and uncommon accuracy. The C25 is the ideal choice for music lovers assembling their first high-quality music system.

C45. *Superior performance standards in a classic format.* C45 is the latest in a long line of classic 200mm (8") two-way speakers from KEF. Incorporating a number of new technical features, C45 is designed to operate on a shelf or on rigid stands against a wall. When correctly positioned a newly developed third-order shelving alignment results in bass extension down to 38Hz at the -6dB point. With a deep bass capability to below 40Hz and a high sensitivity of 90dB/2.83V/m, the C45 is capable of high output level performance even when used with moderately-powered amplifiers. The newly-designed woofer employs a massive die cast

chassis with resilient six-point fixing, housing a 200mm (8") polypropylene cone with 1 1/4" diameter voice coil wound on a Kapton former, giving the voice coil assembly exceptionally high power handling ability. The tweeter is KEF's proven 19mm metal dome. The peak output capability of 110dB spl is unusually high for such a compact speaker. The C45 cabinet is 18mm (3/4") thick giving strength and superior acoustic properties.

C65. *Versatility and performance with style.* C65 is a larger, floor-standing, version of C45. Designed to operate in free space, C65 utilises the same driver components, with the addition of a 200mm (8") passive radiator to reinforce the bass. As on C45, twin gold-plated binding post terminals allow bi-wiring or bi-amplification with provision for five different connector types.

C200SW. A passive stereo subwoofer system designed specifically to operate with KEF's compact "C" Series models C15 and C25 loudspeakers. Two matched enclosures derive their power from the existing amplifier. No additional amplification is required.

Compact speaker systems rarely combine efficiency with bass extension. Their maximum output and power handling capability is also restricted. However, they are easy to position and can deliver excellent stereo imaging and detail, with low levels of colouration.

The KEF C200SW allows the owner of the C15 or C25 to retain these virtues but with substantially increased power handling, output capability and bass extension. Each subwoofer enclosure contains a dividing network giving optimum filtering for C15 or C25, with a 200mm (8") bass unit mounted in

single coupled-cavity configuration. This KEF Reference Series development combines the higher efficiency of a vented enclosure with the superior transient response of a sealed box, and with better power handling capacity than either type.

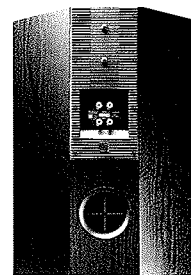
Combining the KEF C200SW with either C15 or C25 produces a full-range 3-way system with bass response extending down to nearly 35Hz. As the C200SW relieves the C15 and C25 of the need to reproduce the lowest frequencies the system's overall dynamic capabilities are increased, with improved clarity and definition in the midrange.

The optional bracket, KB200, allows the satellites to be attached to the subwoofer to make a floor-standing three-way system, or, with the bracket reversed, to be wall-mounted, with the sub-woofer enclosure placed to suit furnishing arrangements.

Conventional wisdom has always held that bass is non-directional. KEF research has shown that important ambience and stereo information can be detected at low frequencies, affecting soundstage width, depth, and overall imaging.

Whereas most subwoofers combine the bass from both channels, the KEF C200SW's separate left and right hand enclosures ensure that stereo information contained in the recording at the lowest frequencies will be reproduced faithfully. The use of separate enclosures also offers great flexibility in positioning the speakers, allowing the C15 or C25 enclosures to be sited for optimum stereo reproduction. The C200SW enclosures can be located according to both space and performance considerations.

specifications



Model	C15	C25	C45	C65	C200SW
Description	2-way bookshelf	2-way bookshelf	2-way bookshelf/ freestanding	2-way floor-standing	Floor standing coupled-cavity subwoofer
Drive Units	HF: metal dome 19mm (3/4") coil dia fluid cooled LF: 110mm (5") 32mm (1 1/4") coil dia diecast chassis	HF: metal dome 19mm (3/4") coil dia fluid cooled LF: 160mm (6.5") 32mm (1 1/4") coil dia diecast chassis	HF: metal dome 19mm (3/4") coil dia fluid cooled LF: 200mm (8") 32mm (1 1/4") coil dia diecast chassis	HF: metal dome 19mm (3/4") coil dia fluid cooled LF: 200mm (8") 32mm (1 1/4") coil dia diecast chassis 200mm (8") passive radiator diecast chassis	1 X 200mm (8") LF unit
Frequency Range (See note 1)	66Hz - 20kHz	65Hz - 20kHz	45Hz - 20kHz	48Hz - 20kHz	40Hz - 120Hz
±3 dB	57 Hz	55 Hz	38 Hz	43 Hz	
-6 dB					
Maximum Output (See note 2)	100 dB	106 dB	110 dB	110 dB	107 dB free-standing - 112 dB maximum if installed in corner
Characteristic sensitivity level (See note 3)	85 dB	87 dB	90 dB	90 dB	87 dB free-standing - 92 dB if installed in corner
Amplifier Requirements (See note 4)					
into 8 ohms	10 - 50W	10 - 70W	10 - 80W	10 - 100W	
into 4 ohms	20 - 80W	20 - 110W	20 - 125W	20 - 150W	20 - 150W
Nominal Impedance	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
Enclosure Type	Closed Box	Closed Box	Closed Box	Passive radiator	Coupled cavity
Internal Volume	3.5 litres (214 cu. ins.)	6.8 litres (415 cu. ins.)	20 litres (1221 cu. ins.)	30.5 litres (1862 cu. ins.)	18 litres (1100 cu. ins.)
Net Weight	3.2 kg (7.0lb)	4.1 kg (9.0lb)	8.75 kg (19.25 lb)	11.8 kg (26.0lb)	7.7 kg (17lb)
Dimensions	265h x 180w x 150d (mm) 10.4h x 7.1w x 5.9 d (ins.)	340h x 205w x 175d (mm) 14.8h x 8.1w x 6.9 d (ins.)	470h x 280w x 246d (mm) 18.5h x 11.0w x 9.7d (ins.)	725h x 280w x 246d (mm) 28.5h x 11.0w x 9.7d (ins.)	487h x 249w x 249d (mm) 19.2h x 9.8w x 9.8 d (ins.)

Features and specifications subject to change without notice.

Notes:

1. Measured at 2m on reference axis, C15, C25, C65 freefield conditions, C45 corrected for wall mounting.
2. Maximum spl on programme peaks under typical listening conditions.
3. Measured at 1m on reference axis for pink noise input of 2.83V rms (anechoic conditions).
4. Amplifier requirement figures are intended only as a guide. As a general rule, buy the biggest amplifier you can afford within the specified range and use it with care. It is easier to damage the loudspeaker by using a small amplifier driven into distortion by too much volume with bass and treble boost, than by using a larger amplifier which has power in reserve. If in doubt ask your dealer.

Designed and produced by the Art Department, Cambridge.

Interior photograph: shelves, table, futon and rug supplied by Joshua Taylor Ltd, Cambridge. Uplighters and Botta Quinta chair supplied by Quip, London.



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KEF part No: PL679EN01