

KEF KC SERIES



KEF products incorporate the most advanced techniques ever developed for loudspeaker production. Every KEF diaphragm is manufactured from plastics or in the case of the larger KEF units, from metal and plastics. Conventional paper cones are not used at all. These special constructions obviate the wide variations in performance associated with ordinary loudspeakers and give considerably reduced colouration due to the absence of unwanted resonances within the diaphragm itself.

KEF design and build all their own drive units. Every vital component is made in KEF factories under stringent quality control. The units are fitted with large super-power magnet systems built to close mechanical tolerances and fabricated in KEF workshops.

Every speaker is acoustically compared with a laboratory maintained system to ensure strict control of production, consistency, reliability and sound quality.

KEF users include many great musicians, recording engineers, and highly critical audio-philes in all parts of the world. Leading press reviewers have consistently praised KEF speakers for their high technical quality and sound. In spite of so many accolades, research goes on at the KEF laboratories in an effort to improve on the already high standards. Using the most modern technical facilities and sophisticated instrumentation to investigate the properties of new materials, KEF's aim is simply to make more natural sounding reproducers with ever increasing ruggedness and reliability.

KEF offer you an excellent choice of loudspeakers whatever your requirements. No matter whether you select the largest or smallest system all KEF's products have the same high standard of engineering and attention to detail which earned them the title - KEF THE SPEAKER ENGINEERS.



KEF is an internationally recognised producer of high quality loudspeakers. This success has been due to the uncompromising engineering standards which the company set itself from the very beginning, coupled with a vigorous policy of expansion through its export markets. This success was officially acknowledged in 1970 with the attainment of the Queen's Award to Industry and the BNEC's Award for Export Achievement.

Maximum amplifier ratings published in this brochure are given only as a guide. More powerful amplifiers can be used but care should be exercised to avoid fault conditions such as switching transients and instability during the 'warm up' period which can cause damage to the loudspeaker.

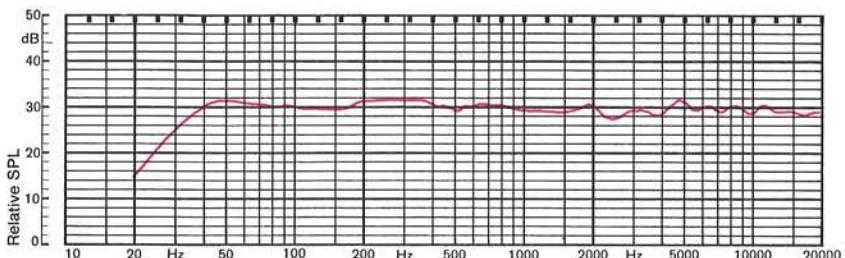
Amplifiers rated at less than 15 watts per channel continuous are not recommended.

The loudspeakers illustrated in this brochure are supplied in Teak or Walnut with Brown or Grey grille cloths. White cabinets are available with metallic grey grille cloths only.

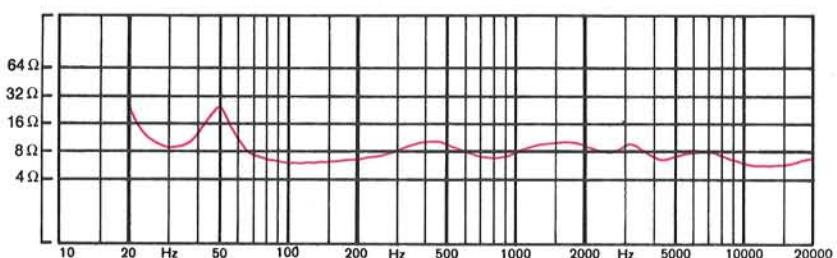
KEF CONCERTO

FREQUENCY RESPONSE CURVE

Measured at 1 metre on axis of HF unit in anechoic conditions utilising swept sine wave.



IMPEDANCE v FREQUENCY CURVE



The Concerto is a vented speaker box of 62 litres, fitted with three drive units.

This floor standing loudspeaker will realise the full potential of large high fidelity installations and can be used in large to very large rooms.

Firmly established over many years, Concerto is used by professionals throughout the world for critical sound appraisal.

Dimensions: 711 × 432 × 305 mm
28 × 17 × 12 in

Internal Volume: 62 litres

Weight: 25.4 kg 56 lb net
29.03 kg 64 lb packed

Nominal Impedance: 8 ohms

System Resonance: Reflex 35 Hz

Rated Max Power: 50 watts programme

Nominal Freq Range: 25–40,000 Hz

Specific Freq Response: ±3dB 35Hz–30,000 Hz
measured at 1 metre on
axis of the HF unit
in anechoic conditions

Dividing Freq: 400 Hz and 3,500 Hz

Sensitivity: 9.5w into nominal 8 ohms produces
96dB at one metre in anechoic
conditions

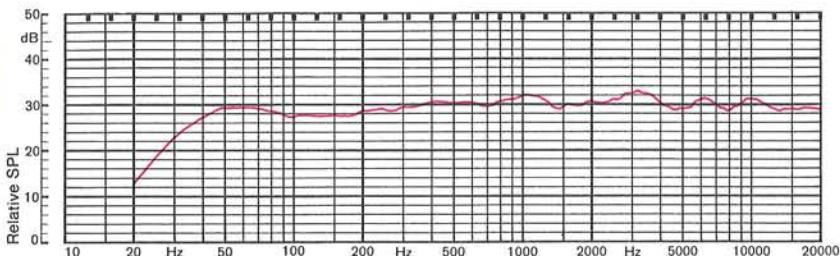
Amplifier Requirements: 15–50 watts per
channel into 8 ohms

Room Size: Up to 280 cubic metres (10,000 cu ft)

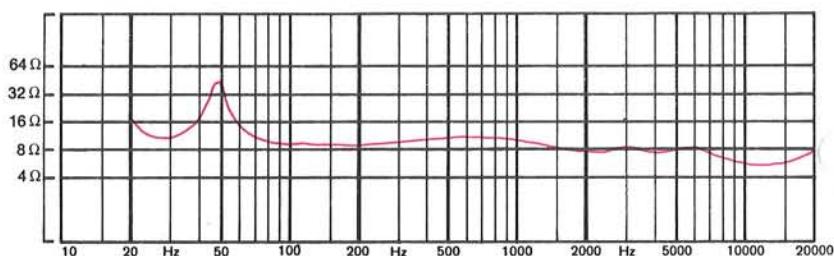
KEF CADENZA

FREQUENCY RESPONSE CURVE

Measured at 1 metre on axis of HF unit in anechoic conditions utilising swept sine wave.



IMPEDANCE v FREQUENCY CURVE



The Cadenza is a reflexed speaker box of 45 litres, fitted with two drive units and an acoustically coupled bass radiator.

Although relatively compact, Cadenza is suitable for use in larger rooms and is capable of reproducing fundamental bass tones down to 30 Hz. This is achieved through the use of a bass radiator which operates in conjunction with the bass unit.

Dimensions: 600 × 360 × 300 mm
23.6 × 14.2 × 11.8 in

Internal Volume: 45 litres

Weight: 14.97 kg 33 lb net
19.73 kg 43.5 lb packed

Nominal Impedance: 8 ohms

System Resonance: Mechanical reflex 35 Hz

Rated Max Power: 30 watts programme

Nominal Freq Range: 30–40,000 Hz

Specific Freq Response: ±3dB 40 Hz–30,000 Hz
measured at 1 metre on
axis of the HF unit
in anechoic conditions

Dividing Freq: 45 Hz (acoustically coupled) and
3,500 Hz

Sensitivity: 15w into nominal 8 ohms produces
96dB at one metre in anechoic
conditions

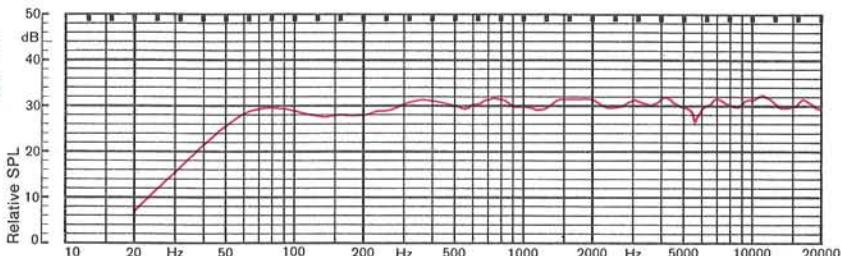
Amplifier Requirements: 15–30 watts per
channel into 8 ohms

Room Size: Up to 200 cubic metres (7,000 cu ft)

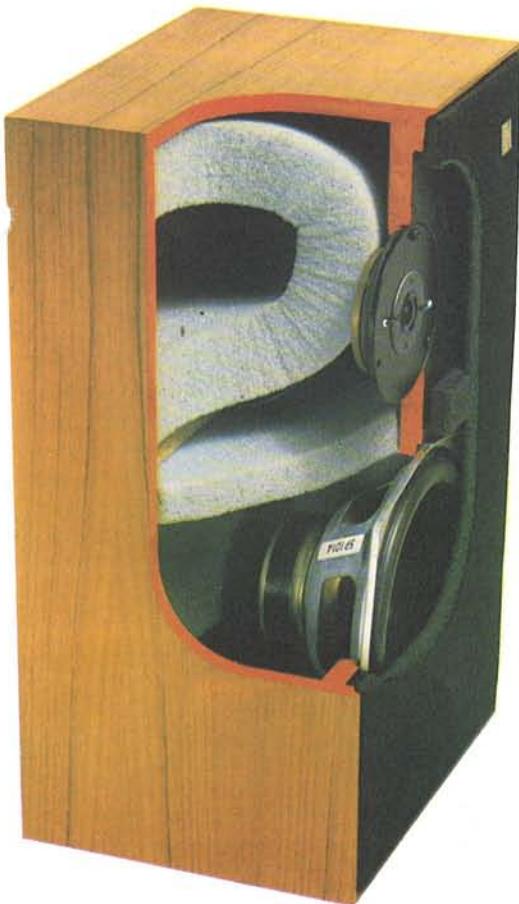
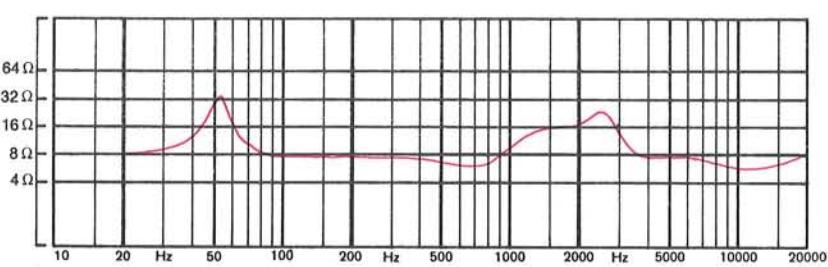
KEF CHORALE

FREQUENCY RESPONSE CURVE

Measured at 1 metre on axis of HF unit in anechoic conditions utilising swept sine wave.



IMPEDANCE v FREQUENCY CURVE



The Chorale is a totally enclosed speaker box of 20.4 litres, fitted with two drive units.

Although its modest dimensions enable it to be easily accommodated on a bookshelf or room divider, Chorale gives a wide range performance and is suitable for use in medium to large rooms.

Dimensions: 470 × 281 × 221 mm
18.5 × 11 × 8.7 in

Internal Volume: 20.4 litres

Weight: 7.48 kg 16.5 lb net
9.98 kg 22 lb packed

Nominal Impedance: 8 ohms

System Resonance: 55 Hz

Rated Max Power: 25 watts programme

Nominal Freq Range: 35–40,000 Hz

Specific Freq Response: ±3dB 50 Hz–30,000 Hz
measured at 1 metre on
axis of the HF unit
in anechoic conditions

Dividing Freq: 3,500 Hz

Sensitivity: 17w into nominal 8 ohms produces
96dB at one metre in anechoic
conditions

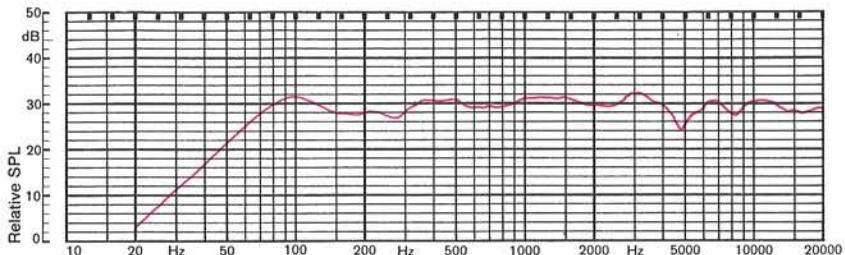
Amplifier Requirements: 15–25 watts per
channel into 8 ohms

Room Size: Up to 140 cubic metres (5,000 cu ft)

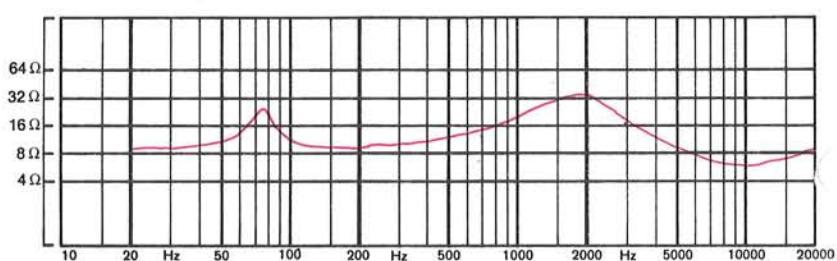
KEF CANTOR

FREQUENCY RESPONSE CURVE

Measured at 1 metre on axis of HF unit in anechoic conditions utilising swept sine wave.



IMPEDANCE v FREQUENCY CURVE



The Cantor is a totally enclosed speaker box of 9.93 litres, fitted with two drive units.

It is primarily intended for wall mounting and can be used in medium sized rooms either for stereo or in conjunction with larger speakers in a four channel installation, particularly Chorale, with which it is acoustically compatible.

Dimensions: 469 × 280 × 121 mm
18.5 × 11 × 4.75 in

Internal Volume: 9.93 litres

Weight: 6.12 kg 13.5 lb net each
14.06 kg 31 lb packed in pairs

Nominal Impedance: 8 ohms

System Resonance: 70 Hz

Rated Max Power: 25 watts programme

Nominal Freq Range: 45–40,000 Hz

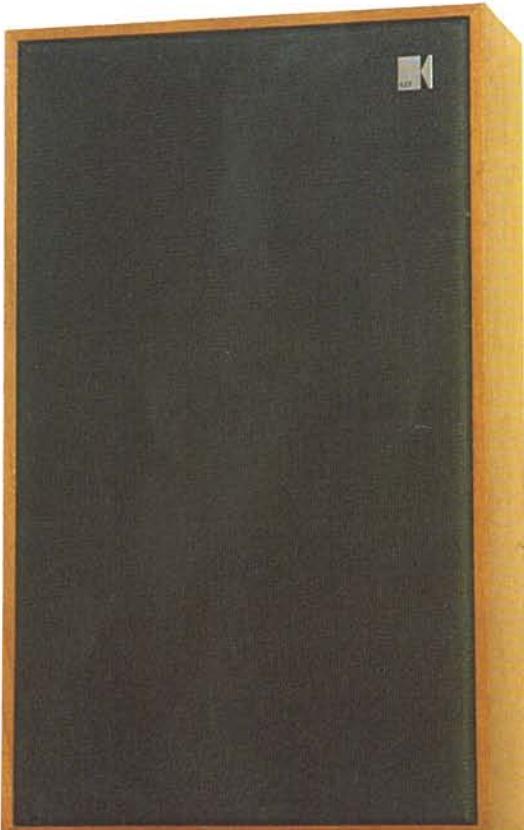
Specific Freq Response: ±4dB 55 Hz–30,000 Hz
measured at 1 metre on
axis of the HF unit
in anechoic conditions

Dividing Freq: 3,500 Hz

Sensitivity: 17w into nominal 8 ohms produces
96dB at one metre in anechoic
conditions

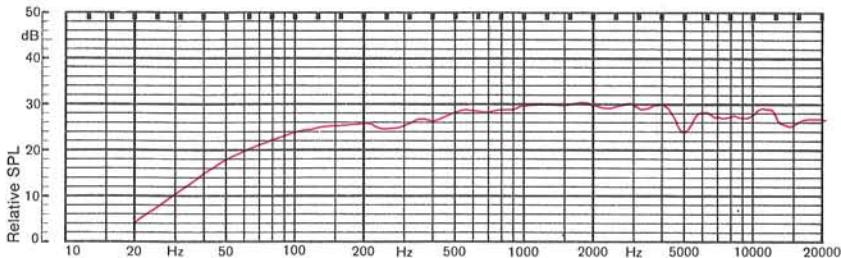
Amplifier Requirements: 15–25 watts per
channel into 8 ohms

Room Size: Up to 140 cubic metres (5,000 cu ft)

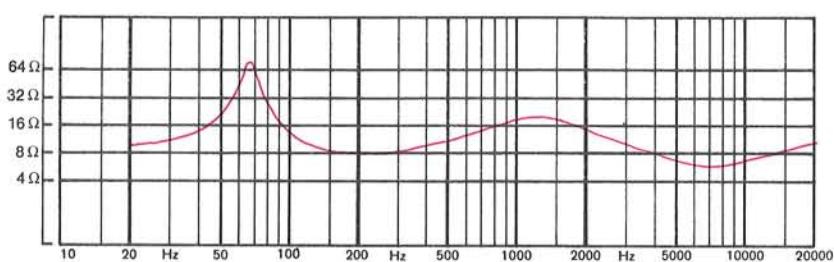


FREQUENCY RESPONSE CURVE

Measured at 1 metre on axis of HF unit in anechoic conditions utilising swept sine wave.



IMPEDANCE v FREQUENCY CURVE



The Coda is a totally enclosed speaker box of 7.26 litres, fitted with two drive units.

Its accurate, wide frequency response makes it ideal for high quality stereophonic systems in small to medium sized rooms. Its dimensions ideally complement quadraphonic installations.

Dimensions: $330 \times 229 \times 146$ mm
 $13 \times 9 \times 5.75$ in

Internal Volume: 7.26 litres

Weight: 4.9 kg 10.75 lb net each
 11.75 kg 25.5 lb packed in pairs

Nominal Impedance: 8 ohms

System Resonance: 60 Hz

Rated Max Power: 20 watts programme

Nominal Freq Range: 50–40,000 Hz

Specific Freq Response: ± 4 dB 85 Hz–
 measured at 1 metre on 30,000 Hz
 axis of the HF unit
 in anechoic conditions

Dividing Freq: 3,500 Hz

Sensitivity: 19w into nominal 8 ohms produces
 96dB at one metre in anechoic
 conditions

Amplifier Requirements: 15–20 watts per
 channel into 8 ohms

Room Size: Up to 70 cubic metres (2,500 cu ft)





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KEF reserve the right to incorporate developments and amend the specification without prior notice, in line with continuous research and product improvement.

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