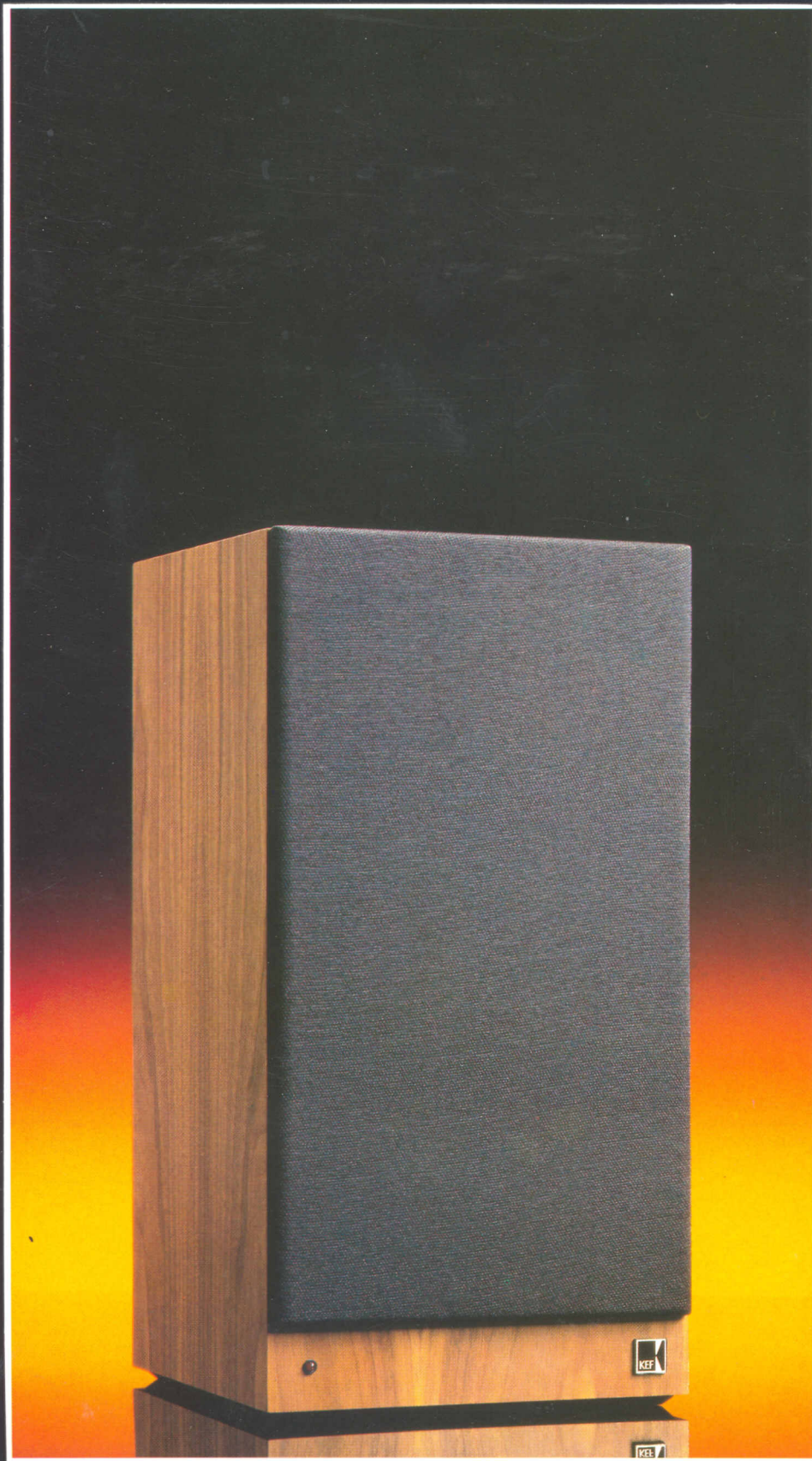


KEF REFERENCE SERIES MODEL 103.2



KEF speakers are known throughout the world for smooth, natural sound and their capacity for reproducing fine detail.

MODEL 103.2 offers truthful and precise sound reproduction from a compact enclosure which is easily located to give good tonal balance and exceptionally sharp, clear stereo images.

MODEL 103.2 FEATURES

- Flat frequency response 60Hz to 20kHz
- Two-way system with minimum inter-unit time delay
- Pairing of systems guarantees matching of sensitivity and frequency response to within 0.5dB
- Novel bass loading technique – a KEF development – giving higher efficiency and greater power handling capacity
- High acoustic output: 106dB spl on programme peaks
- Electronic overload protection, S-STOP, protects against overload and fault conditions

MODEL 103.2 BENEFITS

MODEL 103.2 maintains realistic tonal quality and offers unsurpassed realism and clarity of reproduction of the input signal and creates a sharp stereo image over a wide listening area.

MODEL 103.2 will safely handle bursts of peak power essential to realistically reproduce the dynamic range of any musical instrument as a unique self-powered protection device ensures that peak level and thermal overload cannot destroy vital components.



KEF REFERENCE SERIES MODEL 103.2

MODEL 103.2 was designed using KEF's 'total system' design approach where drive units, filter networks and enclosures are studied and developed together to achieve an intended response. The result is a system which achieves broad frequency response with optimum efficiency yet a surprisingly small enclosure of just 19 litres.

The close tolerances needed to realise the full potential of the design are maintained in production by a unique matching procedure so that every pair of MODEL 103.2's is matched in frequency response to within 1dB of the original laboratory prototypes.

The widespread use of high-powered amplifiers which can deliver the full dynamic range captured with modern recording techniques, has made it necessary to protect loudspeakers against accidental overload. In MODEL 103.2 a self-powered electronic circuit called S-STOP, protects the loudspeaker from the effects of overload and automatically re-connects the full input signal to the system only when the overload is removed.

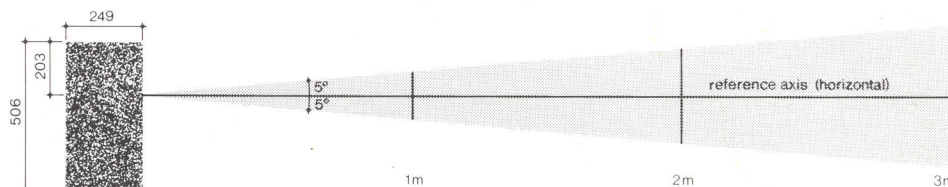
To allow the sound to reach the listener directly without troublesome reflections from walls, floor or ceiling the drive units are arranged within the 19 litre enclosure so that the full frequency response is enjoyed when the loudspeakers are positioned between 30 and 75cm (12 and 30in) from the floor.

An optional stand, the ULS 40, allows the speaker to be conveniently and elegantly converted to a free standing system.

MODEL 103.2 is available in a choice of walnut, teak, rosewood and black ash veneers with black grille fabric.

SPECIFICATION

Frequency range	60Hz to 20kHz ± 2 dB at 2m on reference axis (-10 dB at 37Hz and 30kHz)
Directional characteristics	Within 1dB of response on reference axis up to 20,000Hz for $\pm 5^\circ$ vertically up to 10,000Hz for $\pm 20^\circ$ horizontally
Maximum output	106dB spl on programme peaks under typical listening conditions
Characteristic sensitivity level	86dB spl at 1m on reference axis for pink noise input of 1W (anechoic conditions)
Distortion	Second harmonic: less than 2% from 20Hz to 150Hz less than 1% from 150Hz to 20kHz Third harmonic: less than 2% from 20Hz to 50Hz less than 1% from 50Hz to 20kHz Measured at 1m on reference axis at mean spl of 90dB, anechoic conditions
Enclosure	19 litres
Power handling capacity: Programme rating	See Electronic overload protection 150W
Maximum continuous sinusoidal input	28V rms, 100-2,500Hz falling to 8V rms from 4,000-20,000Hz
Electronic overload protection (S-STOP)	The system is protected against any continuous or intermittent fault conditions which produce input signals not greater than 60V peak from DC to 50kHz
Nominal impedance	8 ohms
Weight	8.6kg (19lb)
Dimensions	506 (h) \times 265 (w) \times 249mm (d) 20 (h) \times 10½ (w) \times 9¾in (d)



The shaded band shows the limits of the listening window (in the vertical plane) within which the optimum sound reproduction is obtained.

KEF reserves the right to incorporate developments and amend the specifications without prior notice, in line with continuous research and development.



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