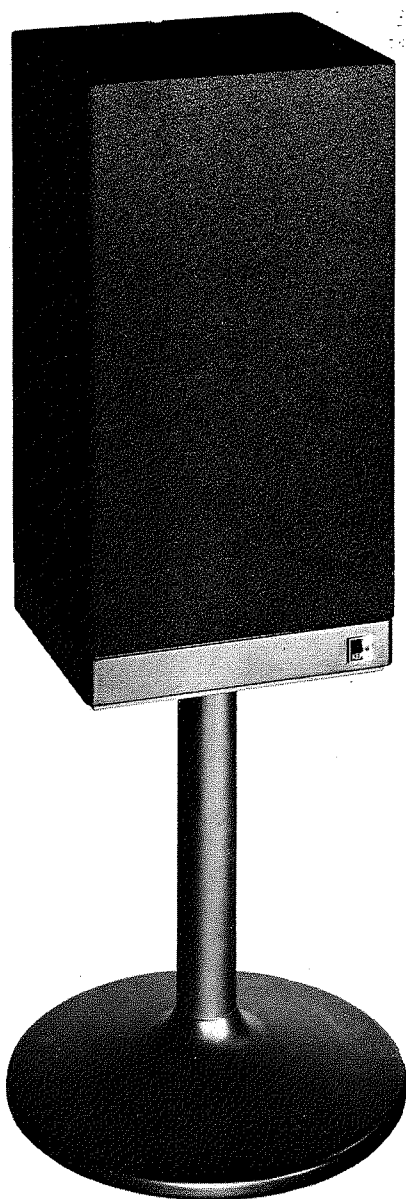


## ADVANCE TECHNICAL DATA

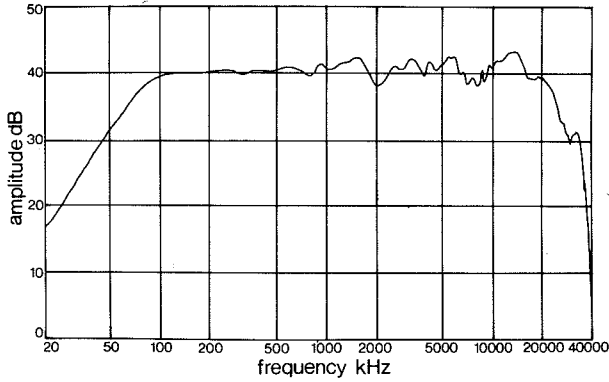


The new KEF MODEL 303 is a compact system fitted with a 200mm bass unit and a 25mm soft dome HF unit.

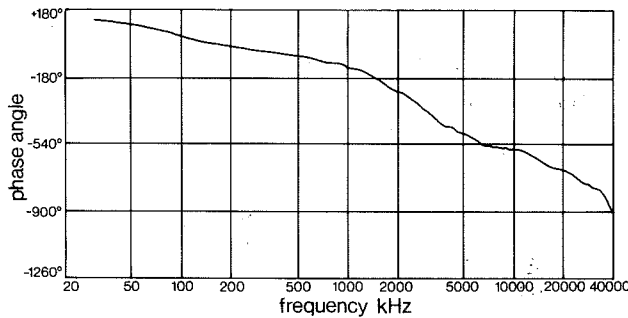
Of higher than average efficiency and power handling capacity, the MODEL 303 may be used with amplifiers from 10W to 50W to provide maximum output levels in excess of 100dB spl under domestic conditions. It may be used on a bookshelf, table, or on its stand ULS1 (optional extra) to provide a stable stereo image over a large listening area.

### Specification

Dimensions	508 x 265 x 230mm
Weight	Net: 8.1kg each Gross: 18.4kg (per pair including packing)
Colour	Plinth: Satin Black Fabric Grille: Black
Enclosure Type	Closed Box
Internal Volume	17 litres
Resonance Frequency	68Hz
Total System Q	0.7
Nominal Impedance	8 ohms
Minimum Amplifier Requirements	10W
Programme Rating	50W
Maximum Continuous Sinusoidal Input	20V rms from 20Hz to 2kHz reducing to 10V rms from 2.5kHz to 20kHz
Characteristic Sensitivity Level	86dB spl at 1m on measuring axis for pink noise input of 1W
Maximum Output	103dB spl on programme peaks under typical listening conditions
Frequency Range	70Hz to 20kHz $\pm 3$ dB at 2m on measuring axis ( $-10$ dB at 50Hz and 25kHz)
Directional Characteristics	Horizontal: within $\pm 2$ dB of axial response up to 10kHz for $\pm 20^\circ$ Vertical: within $\pm 2$ dB for axial response up to 20kHz for $\pm 5^\circ$
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 measuring axis at mean spl of 90dB, anechoic conditions

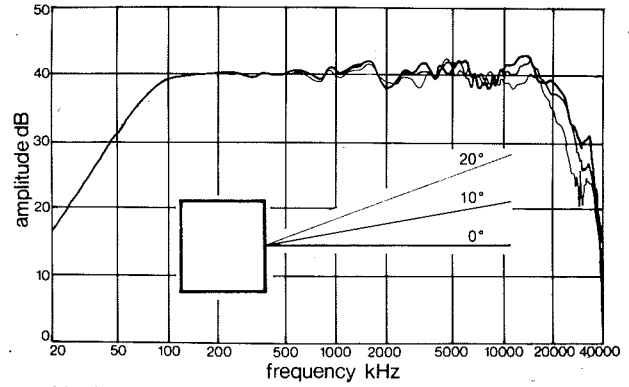


Amplitude frequency characteristic

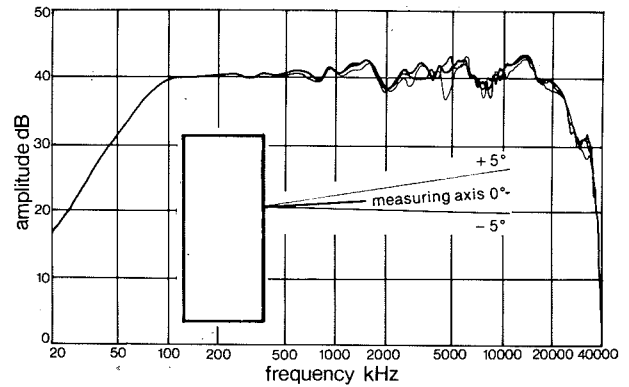


Phase frequency characteristic

Effective free field response measured at 2m on the measuring axis using digital processing techniques.



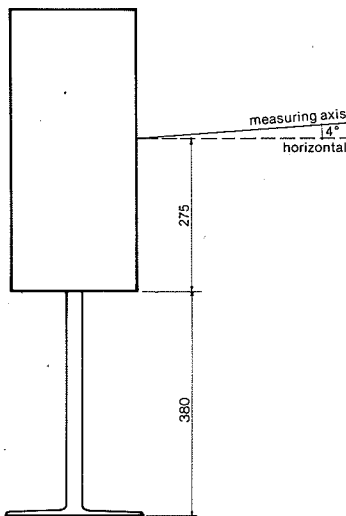
Horizontal



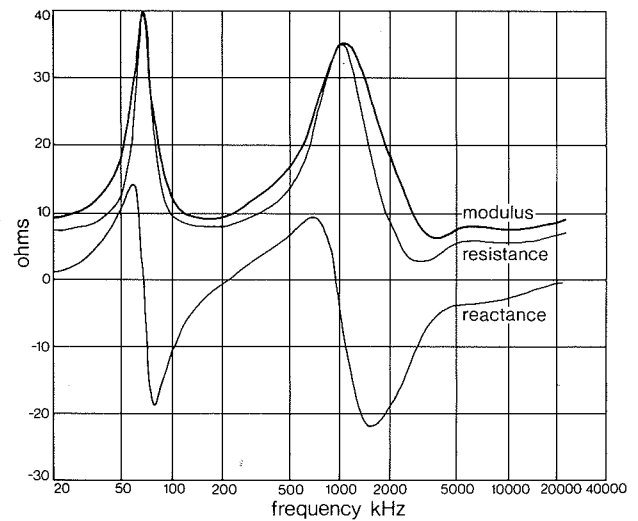
Vertical

### Directional Characteristics

Effective free field response measured at 2m at various angles in the horizontal and vertical planes.



Definition of measuring (listening) axis.



Impedance characteristics.

The modulus has a minimum of 6.5ohms at 4kHz.

