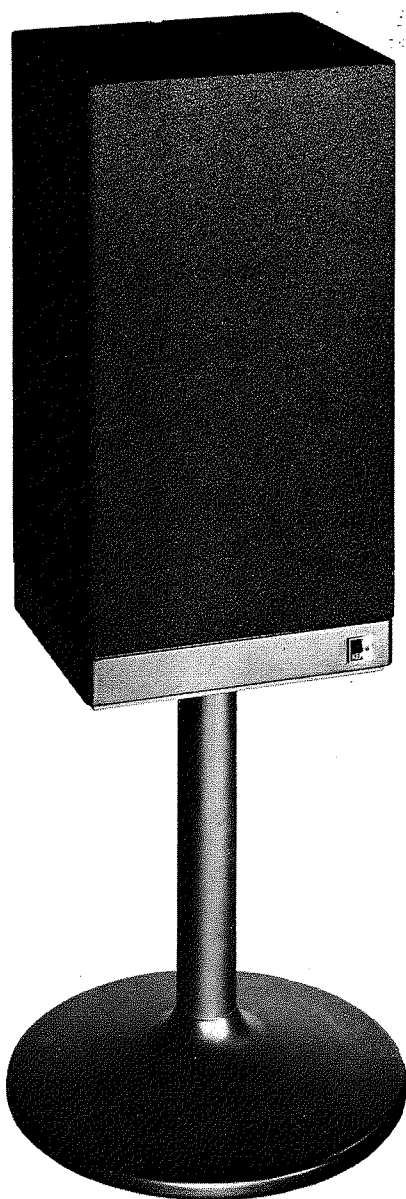


ADVANCE TECHNICAL DATA

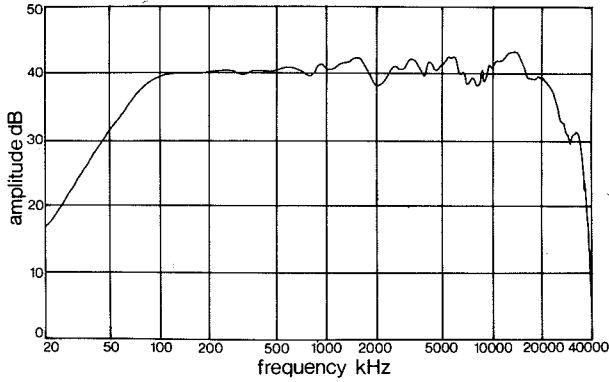


The new KEF MODEL 303 is a compact system fitted with a 200mm bass unit and a 25mm soft dome HF unit.

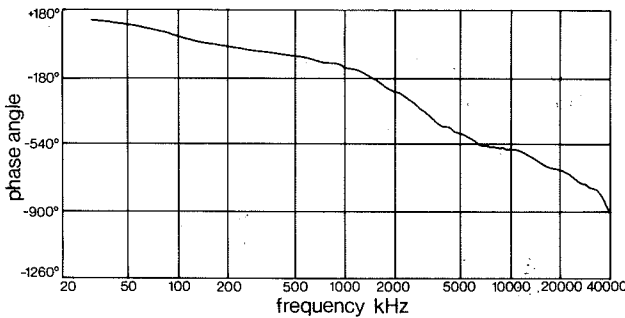
Of higher than average efficiency and power handling capacity, the MODEL 303 may be used with amplifiers from 10W to 50W to provide maximum output levels in excess of 100dB spl under domestic conditions. It may be used on a bookshelf, table, or on its stand ULS1 (optional extra) to provide a stable stereo 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 ± 3 dB at 2m on measuring axis (-10 dB at 50Hz and 25kHz) |
| Directional Characteristics | Horizontal: within ± 2 dB of axial response up to 10kHz for $\pm 20^\circ$ Vertical: within ± 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 |

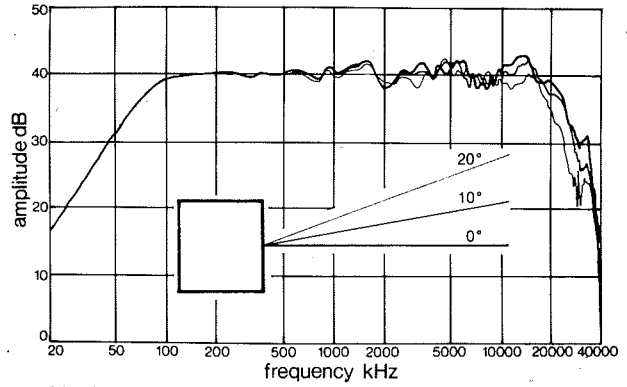


Amplitude frequency characteristic

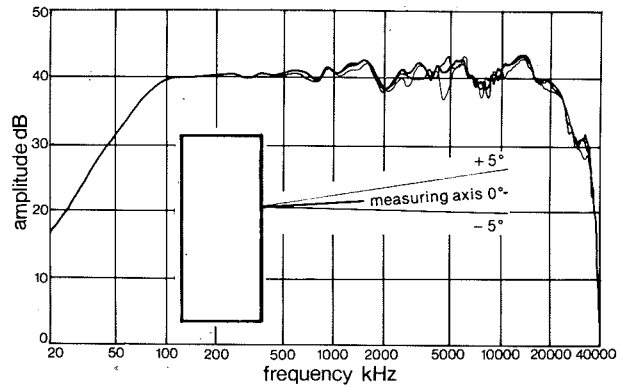


Phase frequency characteristic

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



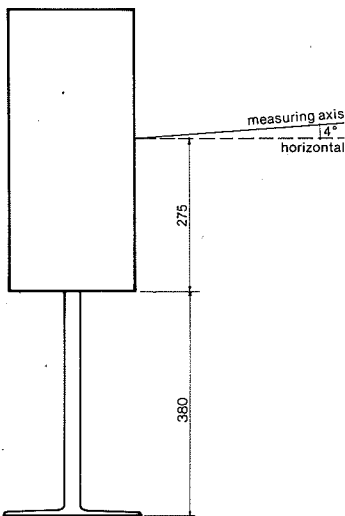
Horizontal



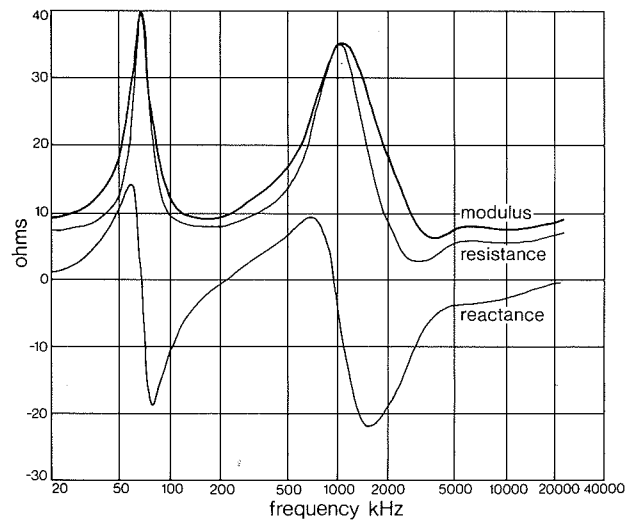
Vertical

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.