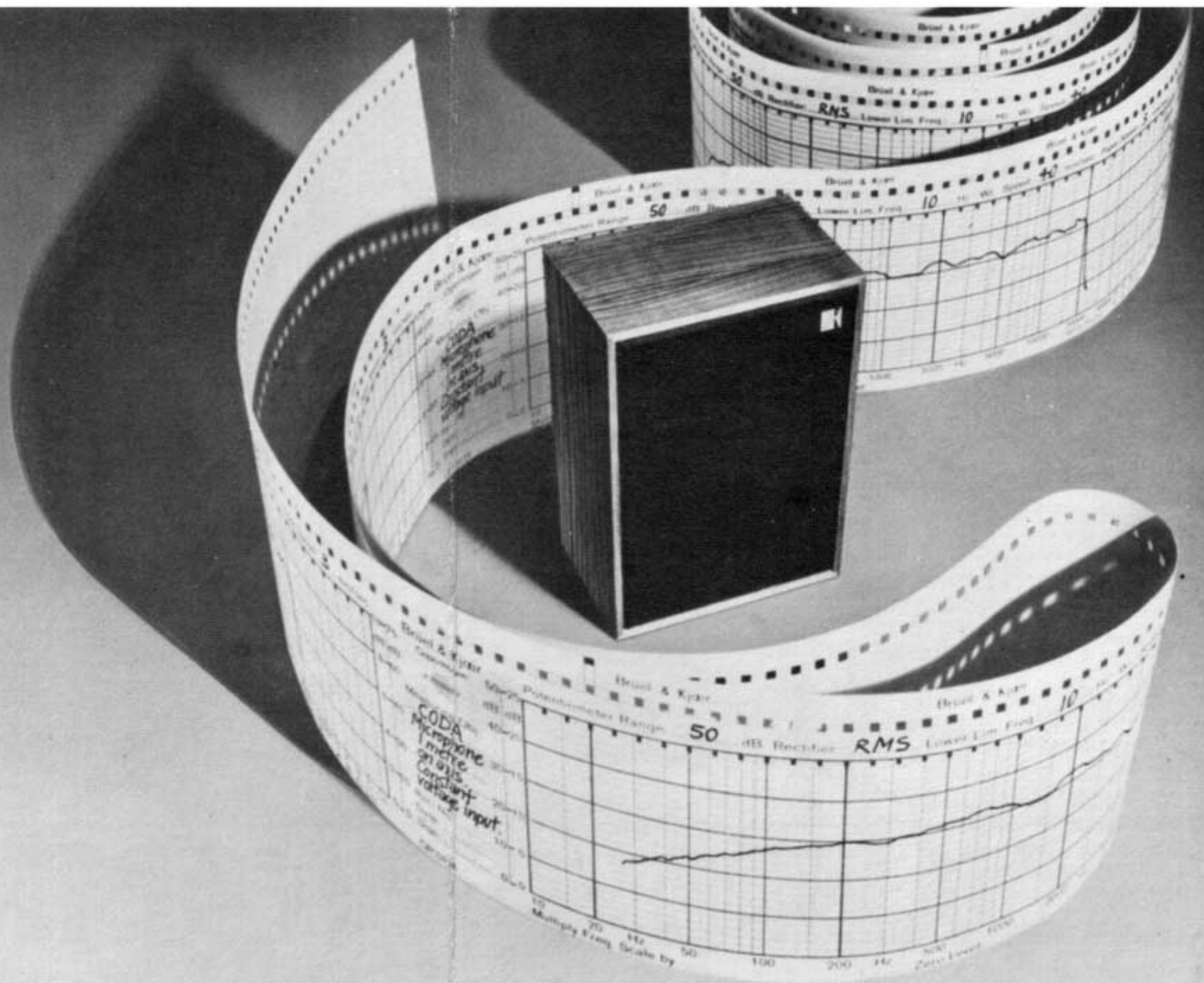


**HiFi ENGINE<sup>®</sup>**

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**KEF** KEF Electronics Limited  
Tovil Maidstone ME15 6QP England  
Telephone 0622 57258 Telex 96140

...NEW from KEF

**CORELLI  
CALINDA  
CANTATA**

the speaker  
engineers

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

# Why every KEF product meets the same uncompromising standards.

Every KEF product benefits from the KEF design and production philosophy, which is made up of four basic principles . . .



## **Better materials . . .**

KEF believe that speaker performance can be more consistent and dependable, free from the distorting 'coloration' introduced by conventional diaphragm materials. Coloration will result if a cone continues vibrating **after** an input signal ceases. So KEF technology evolved specially formulated moulded plastic diaphragms, with laminated damping layers that absorb unwanted energy . . . instead of radiating it. This is why a KEF diaphragm sounds purer, cleaner.



## **Greater care . . .**

Through stage after stage, where the final result depends on careful workmanship, specially developed processes and unique jig designs keep up KEF standards of consistency. And the smallest detail gets meticulous attention . . . even to a humble feeder braid. KEF speakers are hand-built . . . no mass-produced, machine-finished product.



## **Constant tests . . .**

To be totally sure every product will always perform to specification, KEF test and test again. All incoming components are checked and graded, then further checked at every assembly stage. No KEF driver or crossover goes on to speaker assembly until it has passed rigorous tests . . . and every completed system faces electrical and listening tests that compare it with a laboratory-maintained reference. Understandably, KEF can back it with a five-year guarantee.



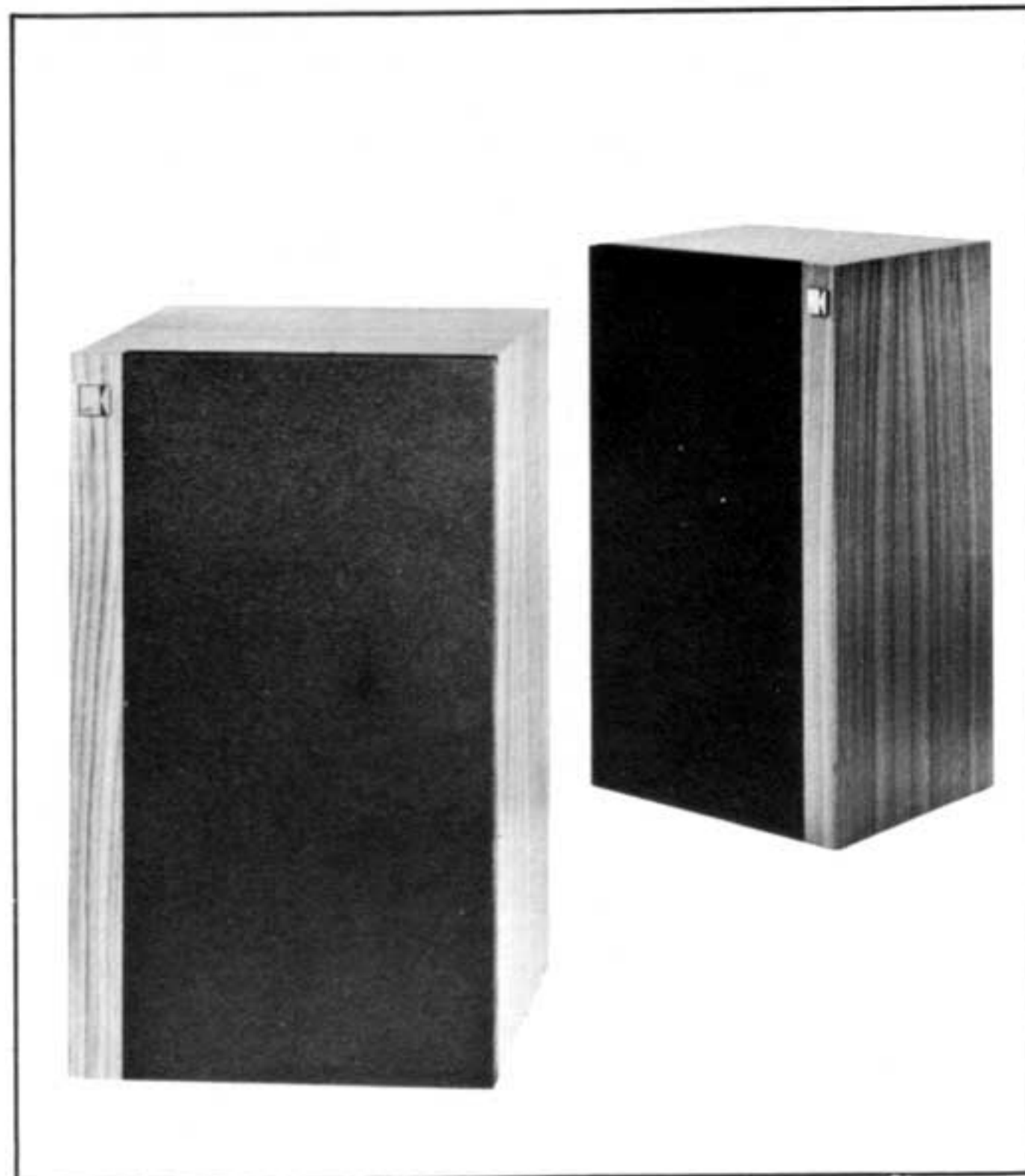
## **Advanced research . . .**

Today's product range has evolved from KEF research into acoustics, electronics and materials technology. In particular, KEF engineers have developed a revolutionary programme of evaluation tests, using computer-aided digital analysis techniques. Now they can study transient behaviour, diaphragm performance, enclosure and network design, and for the first time relate objective factors to the sound we hear. No other speaker range benefits from such close objective analysis.

# KEF NEW C SERIES

Recent developments in loudspeaker engineering and new analysis techniques for evaluating acoustical performance, have resulted in KEF preparing three new loudspeaker products featuring:

- ★ Computer design filter sections of advanced specification
- ★ Enclosures heavily damped and braced to minimise colouration
- ★ Generous power handling capabilities



# KEF CORELLI

- ★ Compact shelf mounting 2-way system supplied in mirror image pairs
- ★ Generous power handling capabilities

**Dimensions:** 470 × 280 × 220 mm  
**Internal Volume:** 18.5 litres  
**Nominal Impedance:** 8 ohms  
**Power Rating:** 50 watts programme  
**Frequency Response:** 50-30,000 Hz ± 3dB  
**System Resonance:** 58 Hz Q=1.1  
**Dividing Frequencies:** 3,500 Hz  
**Sensitivity:** 19 watts  
for 96dB at 1m and 400Hz in anechoic conditions  
**Amplifier Requirements:** 25-50 watts into 8 ohms  
**Finishes:** Walnut or Teak  
**Grille Cloth:** Mokka Brown



## KEF CALINDA

- ★ Free standing 3-way reflex enclosure
- ★ New 200 mm low/mid range unit with high temperature motor assembly

**Dimensions:** 700 × 280 × 350 mm  
**Internal Volume:** 45 litres  
**Nominal Impedance:** 8 ohms  
**Power Rating:** 100 watts programme  
**Frequency Response:** 40-30,000 Hz ± 3dB  
**System Resonance:** 28 Hz Mechanical Reflex  
**Dividing Frequencies:** 45 Hz & 3,500 Hz  
**Sensitivity:** 12.5 watts  
 for 96dB at 1m and 400Hz in anechoic conditions  
**Amplifier Requirements:** 20-100 watts into 8 ohms  
**Finishes:** Walnut or Teak  
**Grille Cloth:** Mokka Brown



## KEF CANTATA

- ★ Free standing 3-way enclosure
- ★ New 110 mm mid frequency unit of advanced design
- ★ Mirror image pairs fitted with controls on mid and high frequency units

**Dimensions:** 815 × 340 × 392 mm  
**Internal Volume:** 60 litres  
**Nominal Impedance:** 8 ohms  
**Power Rating:** 150 watts programme  
**Frequency Response:** 35-20,000 Hz ± 3dB  
**System Resonance:** 38 Hz Q=0.7  
**Dividing Frequencies:** 250 Hz & 3,000 Hz  
**Sensitivity:** 8 watts  
 for 96dB at 1m and 400Hz in anechoic conditions  
**Amplifier Requirements:** 15-150 watts into 8 ohms  
**Finishes:** Walnut or Teak  
**Grille Cloth:** Mokka Brown