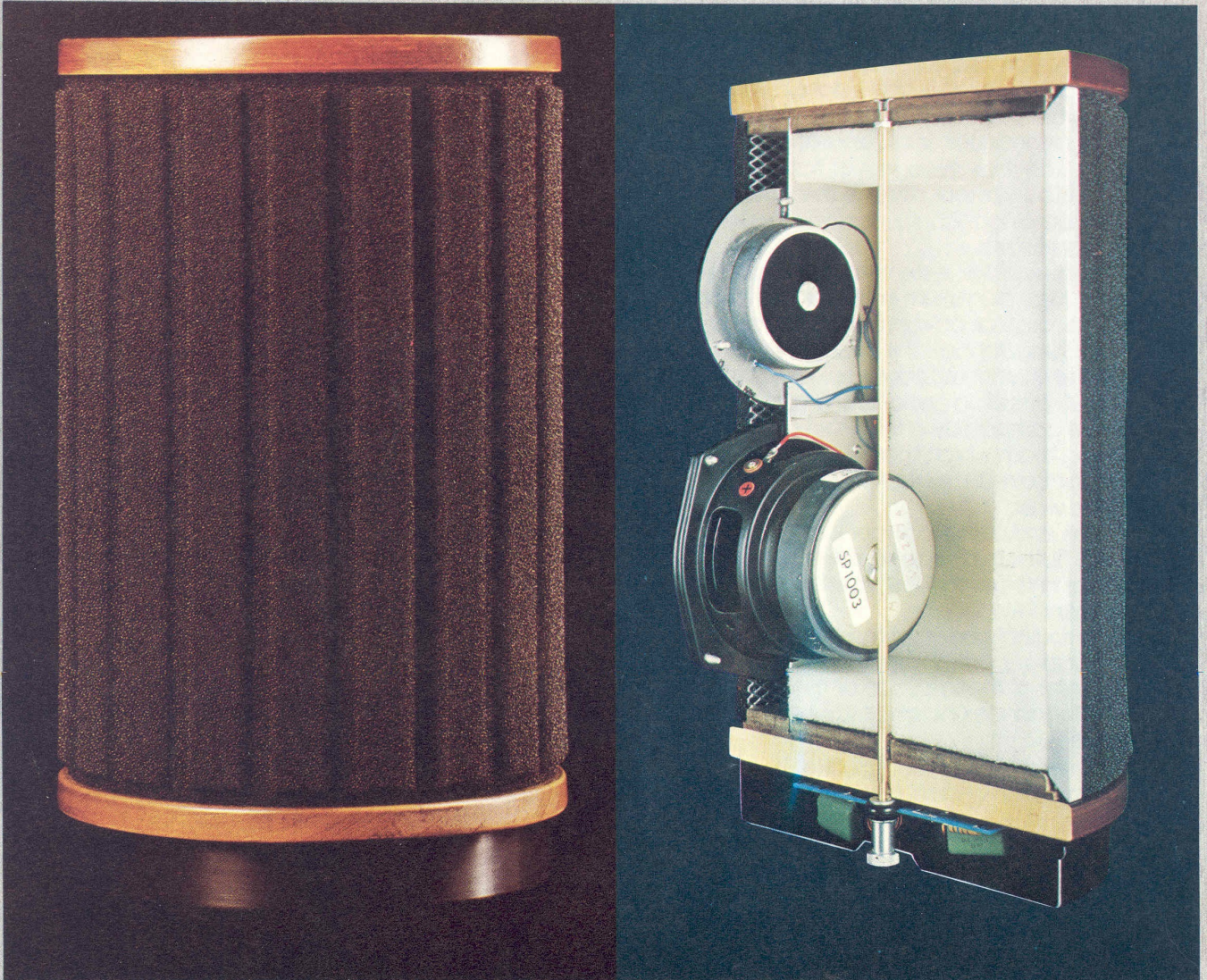


Here it is!

The JR149 - the small cylindrical speaker with the big system performance.



Finish & Accessories

Standard finishes.-
Teak, Walnut, Aluminium, Rosewood,
Yew, Red, Green, or Brown leather inlaid
into Rosewood.

Special finishes.-
Acrylic Black or Acrylic White, Gold Plated.

The Black Declon acoustic foam
surrounding the speaker is easily
detachable being fixed with 'Velcro'
and can be washed and replaced. There
is no possibility of shrinkage and should
the Declon foam become stretched at
any time it will return to its original size if
left off the speaker for a few hours.

A wall bracket system is also an
accessory available to those who don't
want to place their speakers on a
supporting surface. Alternatively the
speaker can be suspended from the
ceiling by a chain.



The Round Sound Sets New Standards for Size & Performance

Jim Rogers, one of Britain's leading hi-fi technologists, has produced an outstanding design for a loudspeaker which entirely does away with the various problems of flat panel cabinets.

The resonances and colourations of box cabinets, with their three sets of flat parallel surfaces, are still all too obvious, despite the introduction of various damping techniques and the use of internal partitions.

The new JR149 system has an enclosure of heavy gauge aluminium in a near cylindrical shape, giving it enormous advantages over the conventional rectangular box. The shape is extremely resistant to vibrations. Standing waves from varying lengths of reflection are of low amplitude and these are damped by a thick layer of acoustic absorbing foam which lines the whole of the inside. The lining also reduces radiation from the cylinder's walls.

Each end of the cylinder is fitted with a low resonant fibre disc made slightly concave by the tension of an internal fixing steel rod which further inhibits panel resonance.

The radical design of these new loudspeakers allows for exceptional reproduction without the slightest hint of the small size of the unit. At last, real high performance and small size have been combined.

The new (JR 149) loudspeaker is under 15in high, yet speech and music reproduction of all

kinds, including organ music, give no clue to the speaker's unusually small size. The smooth external contour of the cylinder allows high frequency response in the higher plane to be unaffected by edge reflections. And polar response is also improved.

A small bass loudspeaker with a long-throw voice coil gives a much better response by reducing cone break up in the critical 300HZ to 3kHz range. Good bass response is achieved by a low system resonance of 64HZ.

A sophisticated 14-element cross over design gives the best balance between efficiency, power handling capacity and low frequency range. This is mounted externally in a sub-housing to avoid buzzes and rattles from any of the components.

A pre-set control adjusts the tweeter for the flattest response. Very large ferrite inductors and mylar capacitors of close tolerance eliminate any cross over distortion and provide long-life performance.

Due to the accurate matching of all parameters, no undesirable phase effects are detectable and pink noise tests have revealed a remarkable lack of colouration.

For sheer efficiency and performance, these new speakers set new standards. Impeccable design and specification have achieved a breakthrough in speaker technology.

The JR149 facts & figures

Frequency Response

Overall, 40Hz - 40kHz
On axis and up to 30° off axis
±3dB 75Hz - 20kHz
±4dB 55Hz - 20kHz

Power Handling Capacity

60 watts programme -
suitable for 20-100 watt
amplifiers.

Impedance

Suitable for outputs of 4 to
16 ohms.

Cross-over

3kHz

Sensitivity

11 volts at 500Hz for 90dB at
1 metre

Weight

12lb (5.5kg)

Overall Dimensions

9in diameter (23cm) x 14½in
high (37cm)

Bass Unit

5½in (13cm) KEF B110

Treble Unit

¾in (2cm) dome KEF T27

dealer



Sole UK Distributors to Hi-Fi Dealers:

**Tape Music
Loudspeakers
Limited**

114 Ashley Road, St. Albans, Herts. AL1 5JR.
England.
Telephone, St. Albans 64337.
Telex, 28474.