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Here's why:

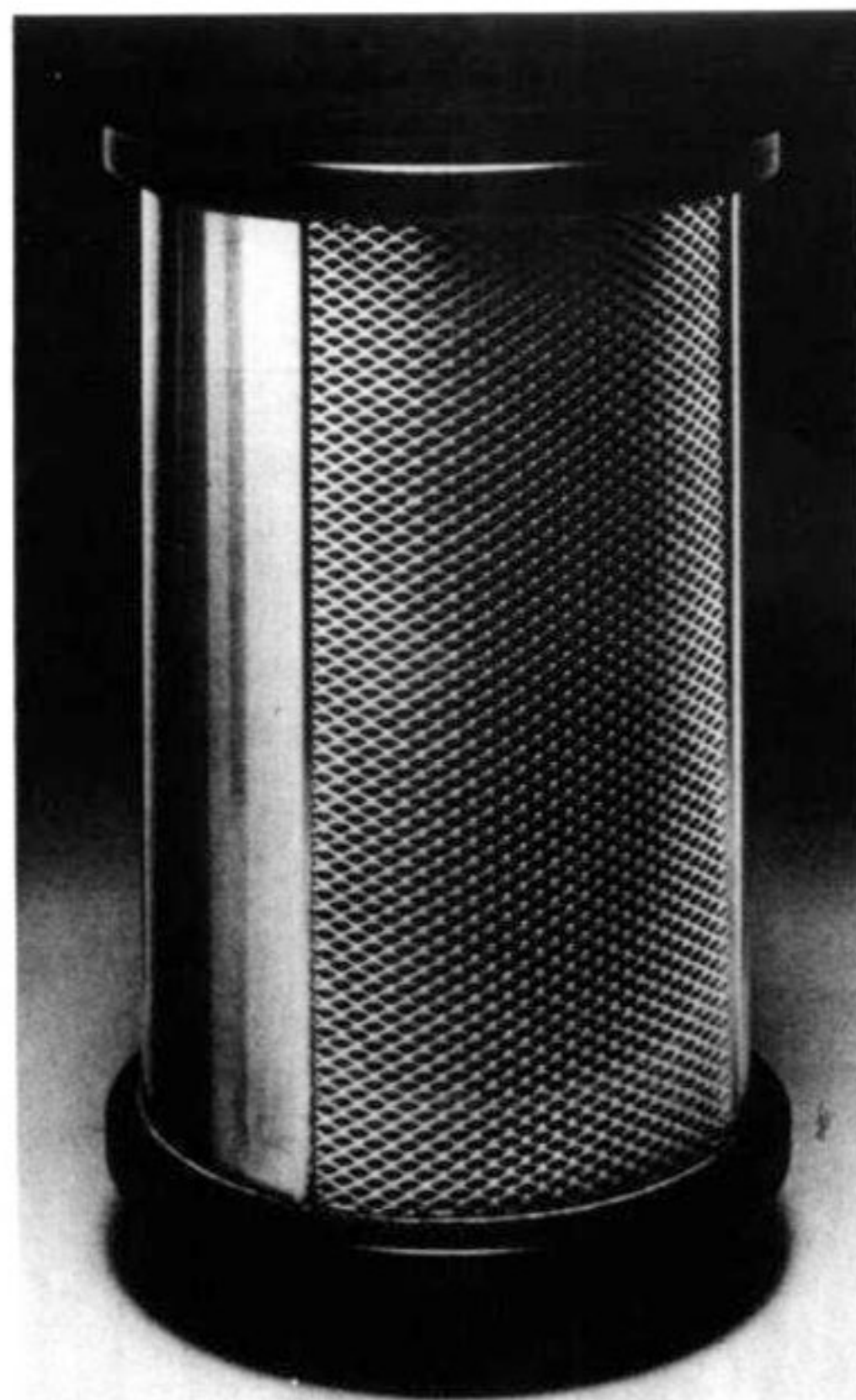
The round design of the JR149 not only enhances the speaker's appearance but actively aids the sound quality. Rectangular speaker enclosures with their flat panels pose many problems to the designer and listener. The resonances of box cabinets make themselves heard in colouration of the sound despite the introduction of various damping methods and the use of internal partitions. The JR approach departs radically from conventional cabinet design to provide a combination of small size and high performance.

The smooth external contour of the cylinder allows high frequency response to be unaffected by edge reflections. Polar response also is improved: wide dispersion of output gives a more consistent and realistic stereo image, and for the user this brings an important advantage — more freedom of choice of listening positions in which good stereo can be enjoyed.

Music and speech reproduction of all kinds, including organ music, are of a quality to belie this speaker's small size. In fact with the JR149 the listener is less conscious of the source, much more aware of the realism with which musical sounds are projected in the room.

Due to the accurate matching of all parameters, no undesirable phase effects are exhibited and pink noise tests have revealed a truly remarkable lack of colouration. For sheer fidelity and performance these new speakers attain new standards. Impeccable design and specification have achieved a breakthrough in audio technology.

Designed by hi-fi pioneer Jim Rogers, the JR149 has the benefit of the designer's extensive experience in audio research and



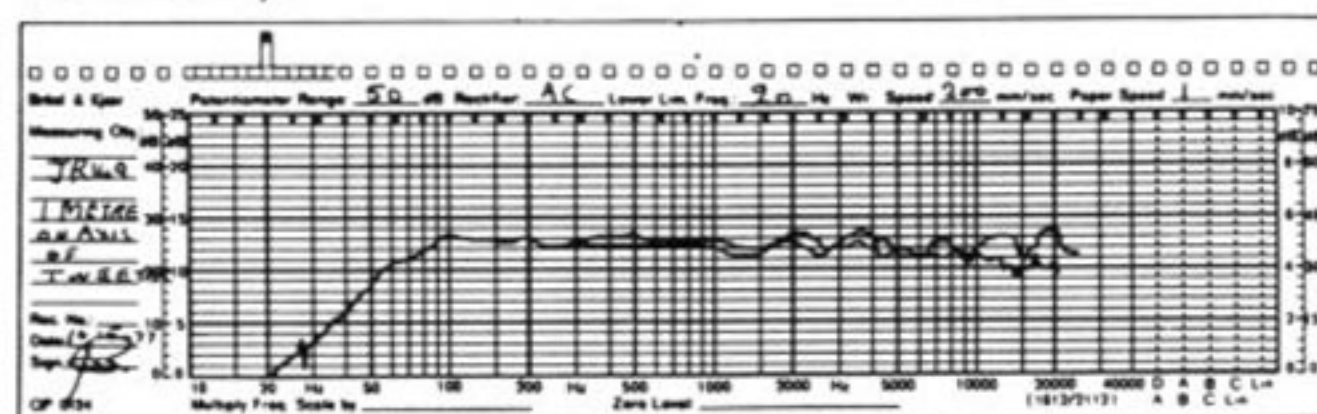
JR149 with Declon foam removed

development which has embraced high fidelity equipment in its various forms.

The B&K frequency response trace of the JR149, showing on-axis and off-axis response at high frequencies, demonstrates the smooth performance of this novel high-grade design. Important though technical measurements prove to be, however, only careful listening can reveal the merits of a good loudspeaker. Audition of the JR149 provides a fresh and exhilarating experience — a view of musical values and stereo quality which reflects the flair and technical resource underlying the speaker's design.

Top and base finishes are available in teak, walnut, rosewood, yew and aluminium, as well as red, green or brown leather inlaid rosewood. Black acrylic into or white acrylic are optional

extras. The cylinder is covered in black Declon foam. A wall bracket system is available as an accessory.



Bruel & Kjaer response curves

Frequency range: overall 40Hz - 40kHz.
Frequency response: on-axis and up to 30° off-axis
±3dB 70Hz - 20kHz. ±4dB 55Hz - 20kHz.
Power handling capacity: 60 watts programme. Suitable for 20-100 watt amplifiers.
Sensitivity: 11V at 500Hz for 90dB SPL at 1 metre.
Impedance: Suitable for outputs of 4 to 16 ohms.
Crossover frequency: 3kHz.
Overall dimensions: 9in diameter (23cm) × 14 5/8 in high (37cm).
Weight: 12lb (5.5kg).
Bass unit: 5 1/8 in (13cm).
Treble unit: 3/4 in (2cm) dome.

JR
Loudspeakers

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Designer Jim Rogers