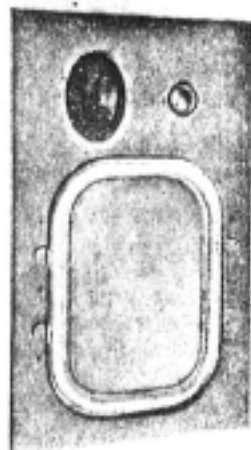




K1 Speaker Systems



This is the heart of the K1 speaker. A slim panel bearing three unique moving coil radiators for low, mid-range and high frequencies. Each of these units has been specially designed and incorporates the latest techniques and materials.

BASS SECTION. Diaphragm.

It is inescapable that good bass requires large diaphragm areas and low resonance. The K1 16" x 12" low frequency radiator has an effective area twice as great as a 12" round cone and can therefore move large volumes of air with small excursions necessary to keep distortion to a minimum.

The low frequency diaphragm is rectangular in shape permitting an enormous moving area to be built into a panel of small frontal dimensions. It is moulded from feather-light expanded plastic, coated with aluminium for extra rigidity. Cone breakup and spurious resonances are eliminated giving bass of remarkable purity.

An exclusive silicone rubber surround reinforced with fabric is used to terminate the outer edge.

Chassis.

Conventional chassis are eliminated by building directly onto the front panel. The magnet is supported on a heavy cast framework ensuring absolute rigidity without resonance.

Magnet.

The latest Feroba II slim silhouette ceramic magnet assembly is fitted. Same idea of the power available is given by the weight of the assembly which is 9 lb. Pole shaping has been incorporated to equalise the leakage fields and further reduce distortion.

2" DIAMETER VOICE COIL
FLUX DENSITY 12,700 OERSTEDS
TOTAL FLUX 165,000 MAXWELLS
FUNDAMENTAL RESONANCE 25 c/s.

MID - RANGE.

The reproduction of middle frequencies without colouration is achieved with an elliptical 6" x 4" unit fitted with a Try-ply expanded plastic diaphragm, roll surround and Feroba II ceramic magnet assembly. Its response is exceptionally smooth and free from breakup in the vital range 300—3,000 c/s.

1" DIAMETER VOICE COIL
FLUX DENSITY 12,000 OERSTEDS
TOTAL FLUX 47,000 MAXWELLS
FUNDAMENTAL RESONANCE 300 c/s.

TWEETER.

Extremely high frequencies are handled by a spherical plastic dome radiator 1½" diameter. The small size of this unit ensures wide dispersion to the limit of the audio range without breakup.

1½" DIAMETER VOICE COIL
FLUX DENSITY 15,000 OERSTEDS
TOTAL FLUX 55,500 MAXWELLS
FUNDAMENTAL RESONANCE 950 c/s.

K1 Baffle.

One of the important features of the K1 series is the availability of the panel mounted system, wired complete and ready to play. Conversions of existing cabinets can be undertaken with the minimum of effort and success is guaranteed. Details of suitable cabinets for home construction are also available.

Size: 26½" x 16½" x 4¾".

Weight: 23 lb.

Impedance: Suitable for amplifiers 8-16 ohms.

Max Power: 25 watts rms.
50 watts peak.

KEF

K1 Speaker Systems

A re-think in compact format.

The chief motivation behind the K1 series speakers was the desire to achieve outstanding high-fidelity reproduction from a slim enclosure. To do this with existing techniques and materials would have been to invite failure; a complete re-think was called for. The initial result was the K1 Slimline.

One of the new techniques is the use of an original-design 18" x 14" rectangular, low-frequency woofer. This massive unit has an effective area **twice** as great as a 12" round cone, and is capable of producing tones in very low register and of considerable volume, without distortion.

The mid-range and tweeter units are also products of the re-think that has created the K1 series.

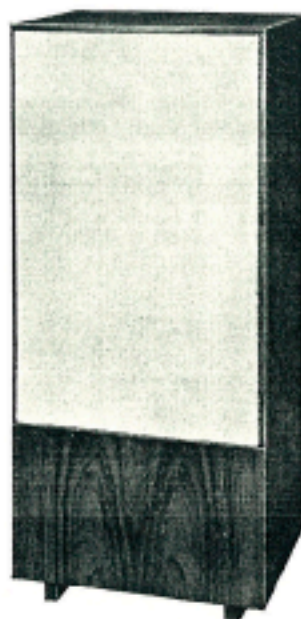
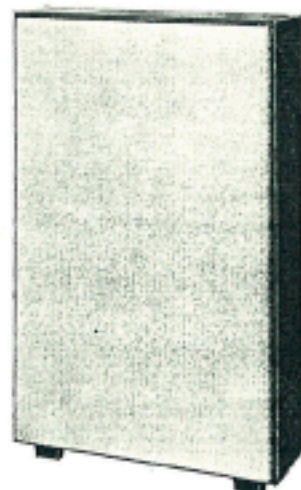
Slimline

This elegant 3-speaker system is only 6½" slim, and it blends well with classical and contemporary decor. The cabinet, designed by Robert Heritage, is fitted with KEF's own Tri-ply diaphragms, which give exceptionally smooth response.

An exclusive, patented strut at the cabinet's rear enables it to be tilted, directing the sound towards the listening area, minimising treble distortion.

Specification:

- Speakers:** B1814 18" x 14" rectangular woofer;
M64 mid-range unit;
T15 tweeter.
- Dimensions:** 27" x 17" x 6½". 68cm x 43cm x 17cm.
- Weight:** 46 lb. 21 kg.
- Impedance:** 15 ohms.
- Max. power:** 25 watts r.m.s., 50 watts peak.
- Finish:** Walnut with coffee-fleck grille.



Monitor

A superb 4 cu. ft. enclosure that develops the full capabilities of the B1814 woofer. The low-frequency possesses the 'breathy' quality of live performance. The cabinet is generously braced and lined with bituminous damping material to suppress panel resonance. The attractive proportions of the cabinet have been devised scientifically to minimise diffraction effects and to set the treble units at the optimum height. This is a first-class speaker system, intended for professional users and the serious enthusiast.

Specification:

- Speakers:** B1814 18" x 14" rectangular woofer;
M64 mid-range unit;
T15 tweeter.
- Dimensions:** 39½" x 17" x 14". 100cm x 43cm x 35cm.
- Weight:** 80 lb. 36 kg.
- Impedance:** 15 ohms.
- Max. power:** 25 watts r.m.s., 50 watts peak.
- Finish:** Oiled american walnut, teak or sapele, with coffee-fleck grille.