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# KEF KEFRKITS

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# KEF performance...in kit form

The Kefkit concept enables loudspeakers to be built to well-proven KEF specifications, simply and economically, with a freedom of enclosure design that makes them attractive to a wide range of users.

The home constructor can suit the cabinet styling to his decor, while getting extra satisfaction from applying his own woodworking expertise.

Even professionals – architects and public address engineers for example – specify Kefkits for the facility they offer, of incorporating high-quality speakers into architectural features with practical cabinet and installation flexibility.

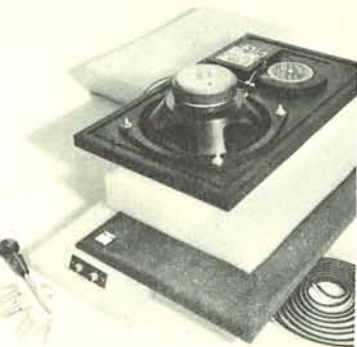


To every user, Kefkits offer several exceptional advantages. Each one comes as a *complete* system, with drive units and dividing network ready connected on their baffle. In this form, KEF can test every unit in its recommended enclosure, checking its performance and consistency against a laboratory-maintained system before it leaves the factory. A kit that merely supplied unmounted, unconnected components could not be given this critical 'system' test – and it is this extra assurance that enables every Kefkit baffle assembly to carry a five-year guarantee.

The ready-mounted Kefkit also ensures that the difficult but acoustically vital woodworking stage of mounting the drive units flush on the baffle, has been carried out with precision in the factory.



When you choose Kefkits, you know with confidence that every key component has been produced in KEF factories, under stringent quality control. In particular, the all-important drive units are exclusively KEF-made, to the design and production standards that have made them a world choice. To achieve a higher level of natural, uncoloured sound reproduction, KEF have rejected conventional paper diaphragms in favour of newer, more precise materials. These advanced diaphragms in moulded plastics or metal and plastics combinations, avoid the unwanted resonances that lead to colouration in ordinary drive units.



Kefkits come packaged with *all* the components needed, except the cabinet itself. Grille material, acoustic damping material, sealing strip, input terminals, even fixing screws are included, with easy and complete instructions for assembling and building the cabinets.

KEF engineers, with their unrivalled experience in developing speaker systems such as the well-known C Series, have given each Kefkit a proven combination of drive units and dividing network designed to work together and give uncompromisingly high performance in each speaker size. KEF has an international reputation for its standards of sound reproduction quality. Their success in exporting KEF quality has been recognised by the Queen's Award to Industry in 1970 and 1975, also by the BNEC's Award for Export Achievement.

With Kefkits, this KEF quality comes with the extra benefits of versatility and economy.

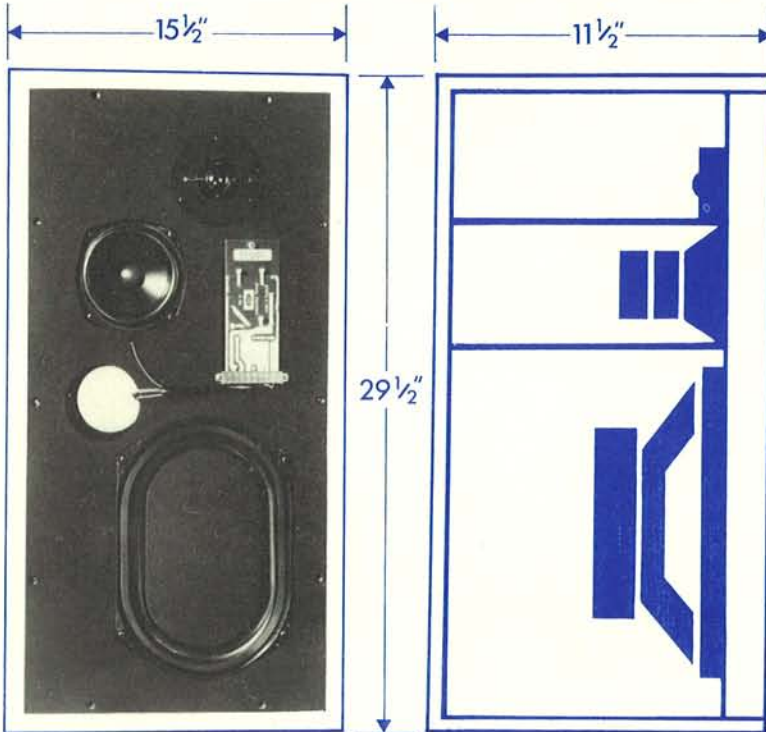
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**Performance details** are based on the standard test enclosures. Variations may occur depending on the individual cabinet constructed.

**Maximum amplifier** ratings quoted in this folder are given only as a guide. More powerful amplifiers can be used but care should be exercised to avoid fault conditions such as switching transients and instability during the 'warm-up' period which can cause damage to the loudspeaker. Amplifiers rated at less than 15 watts per channel continuous, are not recommended.

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## Floor standing speaker

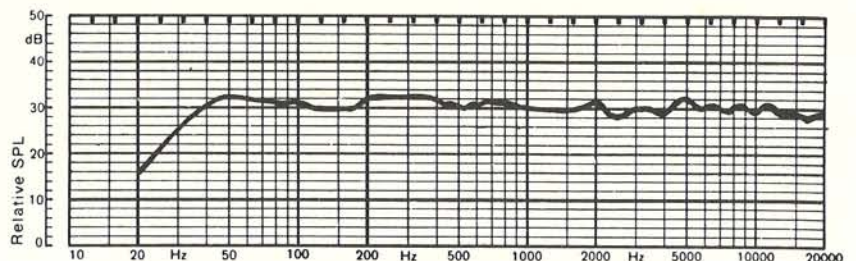


Minimum recommended external dimensions of a KK3 enclosure

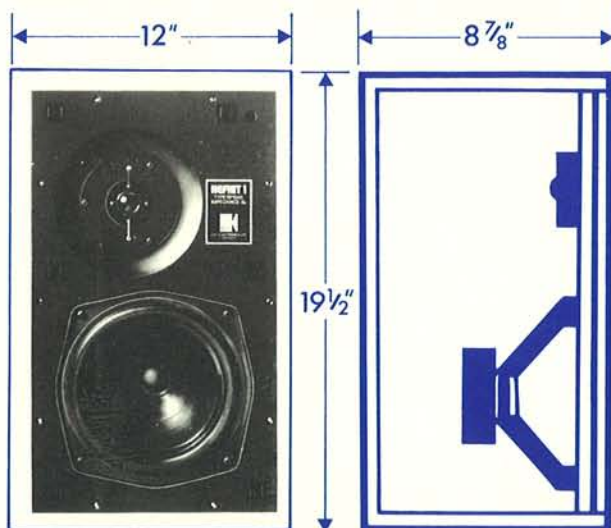
**Dimensions:** 711 x 356 x 260 mm  
 (baffle assembly) 28 x 14 x 10.25 in  
**Weight: (Packed)** 12.70 kg 27.99 lb  
**Internal Volume:** 60–150 litres  
**Nominal Impedance:** 8 ohms  
**Rated Maximum Power:** 50 watts programme  
**Nominal Frequency Range:** 25 - 40,000 Hz  
**Specific Frequency Response:**  $\pm 3$  dB 35–30,000 Hz  
 measured at 1 metre on axis of the H F unit in anechoic conditions  
**L F Unit:** B139 Type SP1044  
**M F Unit:** B110 Type SP1003  
**H F Unit:** T27 Type SP1032  
**Dividing Network:** DN 12 Type SP1004  
**Network:** dividing frequency 400 and 3,500 Hz  
**Sensitivity:** 9.5 w into nominal 8 ohms produces 96 dB at 1 metre  
**Amplifier Requirements:** 15 - 50 watts per channel into 8 ohms  
**Room Size:** Up to 280 cubic metres (10,000 cu ft)  
**Grille Cloth:** Dark Brown

KEFKIT 3 offers smooth, uncoloured sound reproduction from a compact 65 litre, floor standing enclosure. The low frequency performance can be extended by installing the reflex baffle into enclosures up to 150 litres internal volume. The power handling capacity of 50 watts makes the KK3 ideally suited to the most sophisticated installations. The kit provides three KEF drive units and dividing network installed and tested on a baffle board. Acoustic damping material, grille cloth, sealing strip, terminal panels and fixing screws are also included, with instructions for enclosure construction.

### FREQUENCY RESPONSE



## Shelf mounting speaker

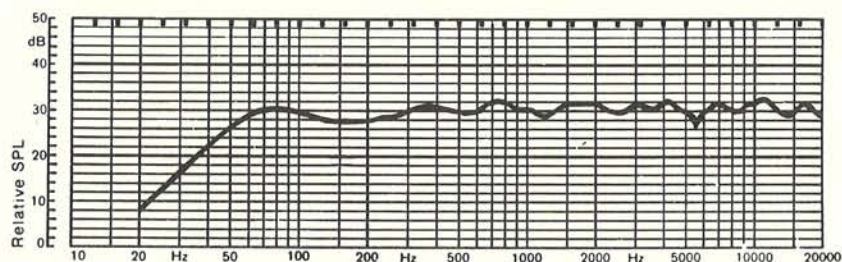


Recommended external dimensions of a KK1 enclosure:—internal volume 21 litres.

**Dimensions:** 454 x 264 x 100 mm  
**(baffle assembly)** 17.9 x 10.4 x 3.9 in  
**Weight:** 10.09 kg 22.24 lb  
**(Packed, per pair)**  
**Recommended** 495 x 305 x 216 mm  
**Enclosure Size:** 19.5 x 12 x 8.9 in  
**Internal Volume:** 21 litres  
**Nominal Impedance:** 8 ohms  
**Rated Maximum Power:** 25 watts programme  
**Nominal Frequency Range:** 35-40,000 Hz  
**Specific Frequency Response:** + 3 dB 50 - 30,000 Hz measured at 1 metre on axis of the HF unit in anechoic conditions  
**L F Unit:** B200 Type SP1014  
**H F Unit:** T27 Type SP1032  
**Dividing Network:** DN13 Type SP1046  
**Sensitivity:** 17 w into nominal 8 ohms produces 96 dB at 1 metre  
**Amplifier Requirements:** 15 - 25 watts per channel into 8 ohms  
**Room Size:** Up to 140 Cubic metres (5,000 cu ft)  
**Grille Cloth:** Dark Brown

Kefkit 1 gives outstanding performance from a 21 litre enclosure. With its two finely-engineered KEF drive units, it is capable of giving a natural, uncoloured sound quality over a wider frequency range than usually associated with such modest-sized enclosures. The kit provides two drive units ready connected and tested with a printed circuit dividing network, mounted on a new rigid polyurethane foam baffle. As an extra convenience, the grille comes as a completed assembly, ready for fitting. Despite its size, Kefkit 1 will give excellent performance in medium to large rooms, from an amplifier rated at up to 25 watts per channel. As a kit, it is also capable of being built into a wide variety of locations where space is at a premium. Pre-formed blocks of acoustic damping foam, sealing strip, terminal panels, screws and complete, step-by-step instructions, are also included.

FREQUENCY RESPONSE



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