SYSTEM 6

This is the system for people who believe Hifi speakers should be heard and not seen!

The system consists of two miniature speaker cabinets with a single, separate bass enclosure.

The human ear acts as a "direction finder" at mid and treble frequencies but has great difficulty in locating the source of low frequency sounds. This makes it possible to combine the bass frequencies from both stereo channels in a single cabinet which can be located almost anywhere in the room without detracting from the stereo image. The mid/treble enclosures can be very small and unobtrusive. It is even possible, with a little ingenuity, to disguise these enclosures as books, cigar boxes or similar objects.

In the system 6, the excellent performance of the Dalesford D50/200 bass unit is combined with the remarkable Jordan 50 mm unit to give a response of 40 – 22 kHz (± 3 dB) and power handling of 20 watts R.M.S. continuous making the system suitable, under normal domestic conditions, for amplifiers of 10 – 50 watts per channel.

Components List (Bass enclosure)

2 37.6 × 25.6 cms 18 mm chipboard
2 57 × 25.6 cms 18 mm chipboard
1 20 × 34 cms 18 mm chipboard
2 57 × 34 cms 18 mm chipboard
1 56.8 × 33.8 12 mm plywood
4 metres 2 × 2 cms wood for battens
2 Dalesford D50/200 bass units
1 pair Jordan CB crossover networks
·6 sq. metre 10 oz Acoustilux
Fret cloth 42 × 65 cms.
50 cms Velcro

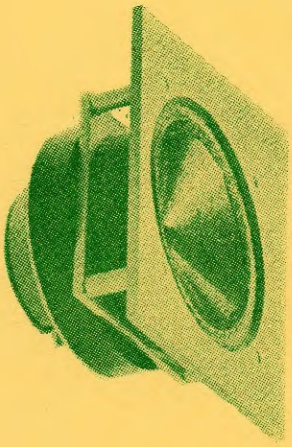
Components List (pair mid/treble enclosures)

4 10 × 18.2 cms 12 mm plywood
4 17.8 × 18.2 cms 12 mm plywood
4 17.8 × 7.6 cms 12 mm plywood
2 17.6 × 7.4 Hardboard
34 grams long fibre wool
2 Jordan 50 mm units
fret cloth 22 × 22 cms.

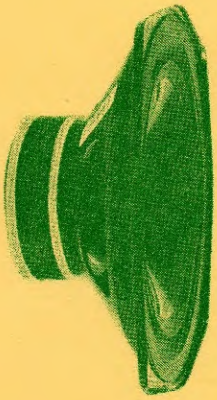
General.

Loudspeaker connection panels, 2 pin DIN speaker sockets or similar.
T nuts, screws, wood glue, Evostik etc.
Cables, DIN plugs etc.

SYSTEM 6
THE DRIVE UNITS

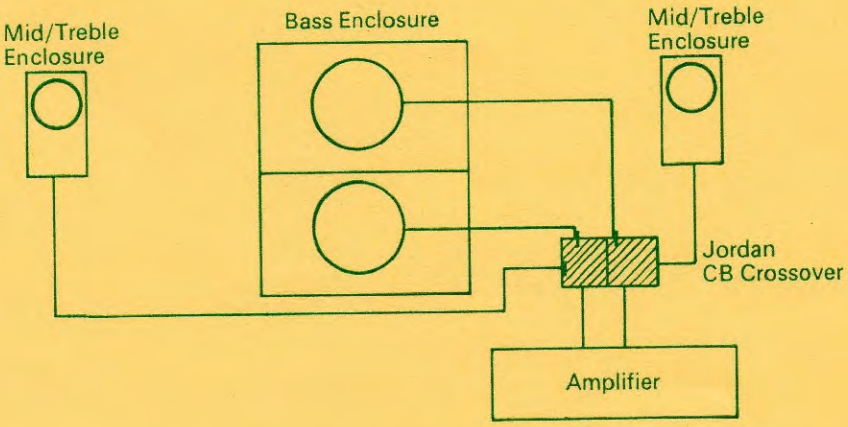


Mid/Treble units: JORDAN 50 mm.
Manufacturer: E. J. Jordan Ltd.
Response: 100– 22 kHz.
N.B. An unusual feature of this unit is that it is designed to be fixed to the baffle with impact adhesive – Evostik, Thixofix or similar, no screws being used.

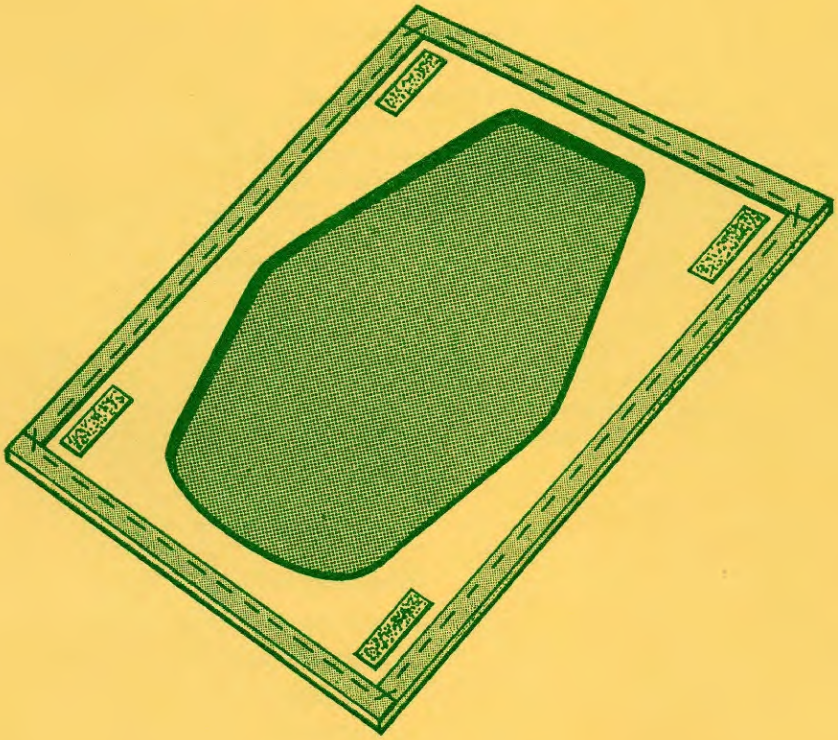


Bass unit: Dalesford D50/200
Response: 35 – 7 kHz
Resonant frequency: 32 hz
Power handling: 30 watts RMS.
Maximum amplifier power: 50 watts.

CONNECTING THE SYSTEM

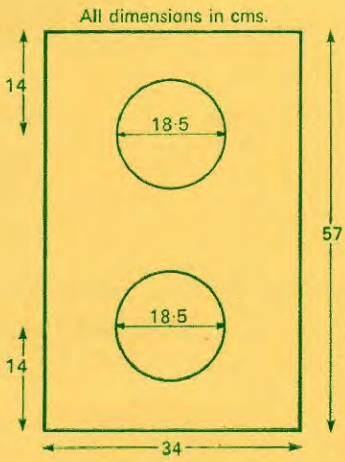


SYSTEM 6
FITTING THE FRET CLOTH



The baffle and grille frame front surfaces should be painted matt black. When the grille frame is dry, the fret cloth should be stretched taut over the frame and glued or stapled to the rear of the frame as illustrated. Velcro "hook and loop" tape is a convenient method of holding the grille frame in the bass cabinet.

The mid/treble enclosure grille frames can be made a push-fit in the cabinet, no other fastening being necessary.



Bass enclosure
Baffle layout

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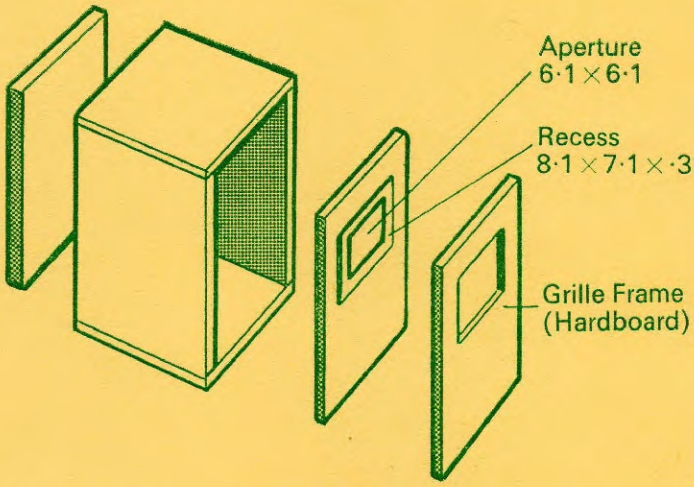
MID/TREBLE ENCLOSURE (TWO REQUIRED)

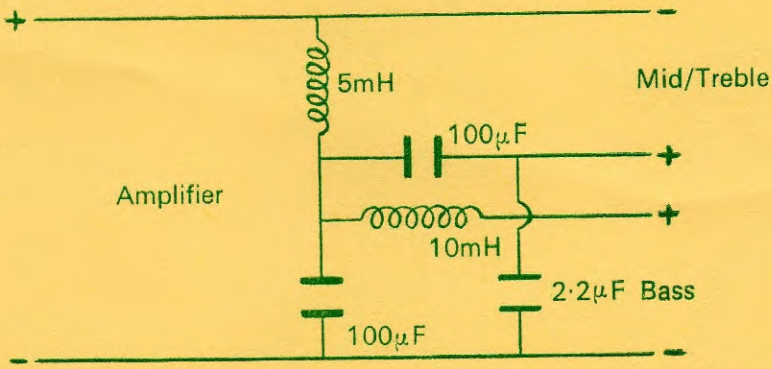
All dimensions in cms.



Internal dimensions:	Height: 17·8 cms Width: 7·6 cms Depth: 15·2 cms (between front surface of back panel and back of baffle)
External dimensions: (using 12 mm plywood)	Height: 20·2 cms Width: 10 cms Depth: 18·2 cms

The cabinet should be evenly filled with 17 grams of long fibre wool.

THE CROSSOVER NETWORK



This crossover is available in Deluxe assembled form as Jordan CB crossover, fitted with high quality components and DIN sockets for all connections. The crossover is fitted in a box which may be free standing or fitted to the back of the bass enclosure.

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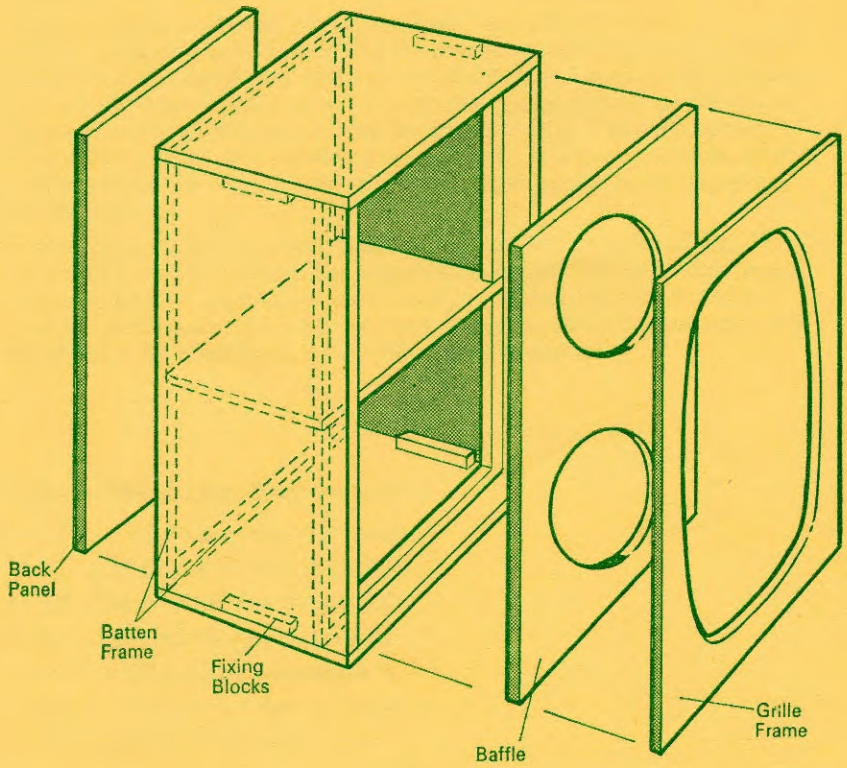
BASS ENCLOSURE (ONE ONLY REQUIRED)

All dimensions in cms.



Internal dimensions:	Height: 57 cms Width: 34 cms Depth: 20 cms (between front surface of back panel and back of baffle)
External dimensions: (using 18 mm chipboard)	Height: 60.6 cms Width: 37.6 cms Depth: 25.6 cms

The drive units are fitted from the front of the cabinet and therefore the back panel and baffle may be permanently glued and screwed in place.