This sealed enclosure is optimised for a Linear Array of four Jordan Eikona 2 fullrange drive units. Placement of the Array takes into consideration listening position and internal resonances in the cabinet.

The sealed enclosure has a target Qts of 0.707 (maximum flat) and a -f3 of 85Hz. Placed against a wall (the recommended loading) it will operate to below 70 Hz.

MATERIALS - 18mm Baltic birch ply or MDF.
INTERNAL SIZE - 1530 mm high x 165 mm wide across each face.
VOLUME - 18 litres for Qts 0.707
Internal stuffing of BAF wadding should fill the entire cabinet.

DESIGN
The triangular cross-section reduces cabinet reflections behind the Eikona and reduces cabinet resonances. Placed against a wall (the recommended loading) the angle provides the correct toe-in for the best stereo image - see diagram below. For stability mount the cabinet on a wide foot or fix against the wall.

WIRING
The Eikona Array is wired in series/parallel and provides 6dB extra sensitivity over a single Eikona, with four times greater power handling

SPECIFICATIONS
sensitivity - 91.5 dB/watt
peak power handling - 400 watts
impedance - 6 ohms

Eikona driver cut out - 116 mm
rebate diameter - 105 mm
rebate depth - 5 mm
allow 12 mm between driver chassis when rebating
fixing
4 x 5 mm bolts into captive T-nuts