

JORDAN Eikona 2 Dual Coupled Reflex

This slim, floor-standing enclosure uses two Jordan Eikona 2 drive units in a dual reflex design for increased SPL. Using the Eikonas in a two-unit array has a number of benefits:

- cone area is doubled, adding 3dB to the overall sensitivity
- power handling is doubled, to 200w peak
- two voice coils handle heating effects better
- increase in stereo image stability
- increase in bass response from acoustic coupling of the two cones from 500Hz down

There are three ways to connect the drivers:

SERIES CONNECTION

Sensitivity remains 86dB/watt and impedance is 12 Ω , an easy load for all amplifiers, solid state or tube.

PARALLEL CONNECTION

Sensitivity increases by 6dB overall but the impedance drops to 3 Ω which will place a greater load on the amplifier; only high current amplifiers will be suitable.

INDIVIDUAL CONNECTION

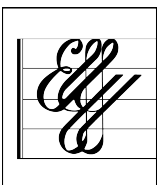
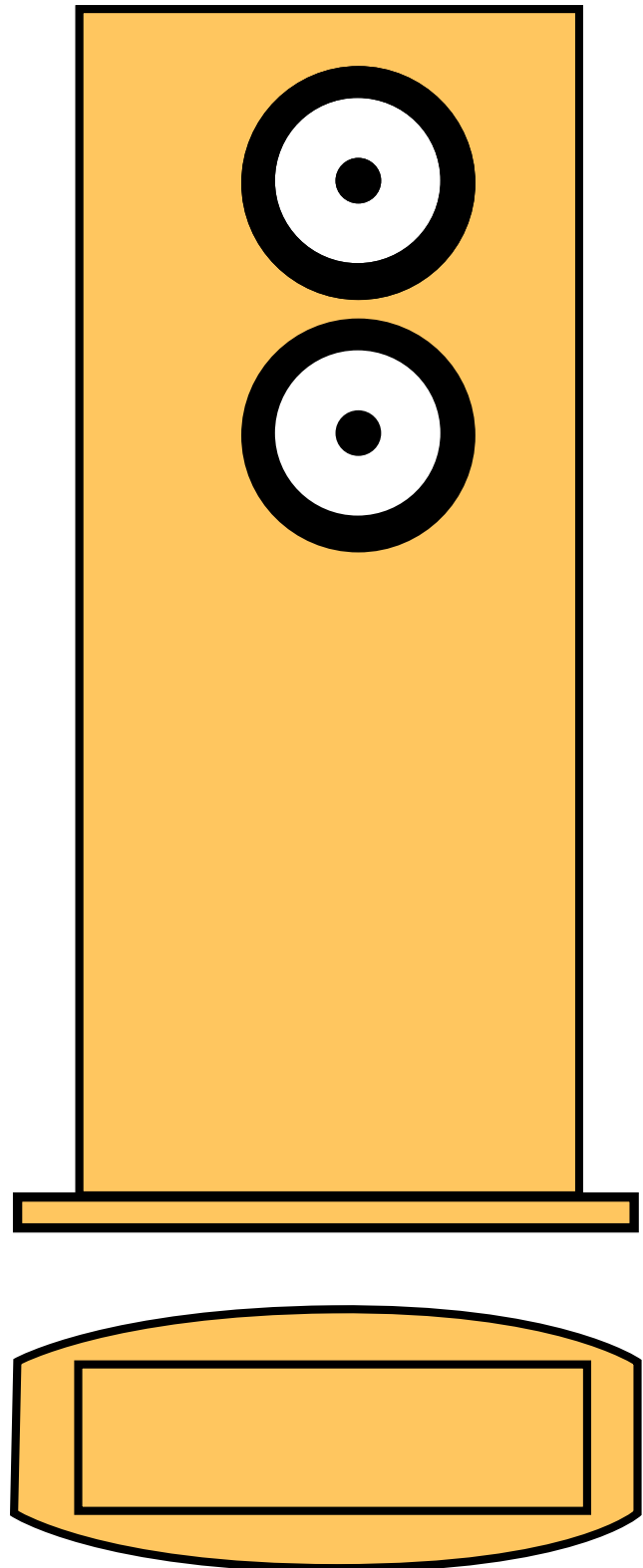
Each Eikona is connected to its own pair of connectors on the back panel (so 4 loudspeaker terminals per enclosure) and driven by one channel of a stereo power amplifier, allowing for the possibility of response shaping by experimenting with passive components in-line with the drivers.

SPECIFICATION

SIZE (cms): 10.6d x 33.6w x 80.4h
(with 18mm panels and plinth as shown)

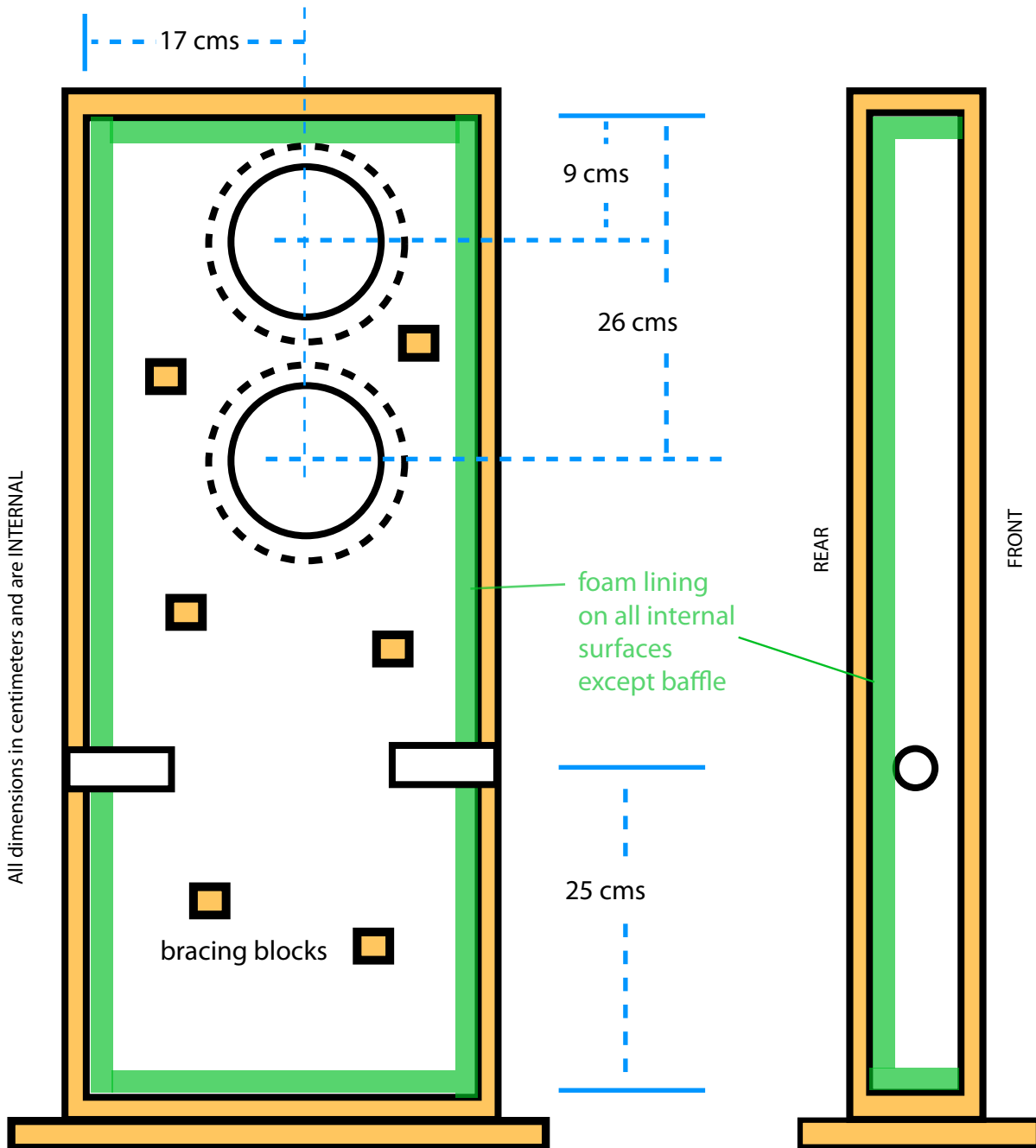
POWER HANDLING: 200w peak

IMPEDANCE: 3 Ω -12 Ω



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JORDAN Eikona 2 DCR

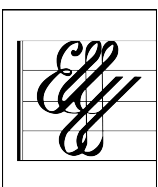


Internal dimensions: 7.0 cms deep x 30 cms wide x 75 cms high

Reflex ports: 3.0 cms diameter x 8.0 cms long

Eikona drive units are vertically in line and 2.0 cms off cabinet centre line.

Make left and right enclosures mirror image. Use 18mm MDF or high quality birch ply. Bracing blocks are oak dowels or square section rods. Exact placement is not necessary; they distribute bracing between front and back panels and are designed not to impede air movement within the enclosure. A 1.8 cms thick plinth places the top driver listener axis at 75 cms



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