

Jordan Eikona TL2 Loudspeaker

The Eikona TL2 is a floor-standing enclosure designed to provide low bass and high power handling with a relatively small footprint. The TL2 is based on our earlier TL Array and offers the same bass extension using just two Jordan Eikona full-range drive units. It requires no crossover or additional bass units. The carefully-optimised transmission line extends the Eikona's bass response to 30 Hz in-room. The absence of a crossover gives unparalleled stereo imagery and musical coherence.

This enclosure is designed to be straightforward to build, with only one partition dividing the line. The line itself is straight, rather than tapered, to avoid difficult angles in the construction process. No reflectors should be fitted at the bend in the line as this will have no effect on the bass and only serve to reflect midrange sound up towards the port. The line exits at the top of the enclosure which further improves the sound. The height of the enclosure is designed to fit the standard 1.2m sheet size of MDF and plywood.

The recommended stuffing should be well teased and spread evenly throughout the two line sections. Work the stuffing around the braces; it will expand after placement and hold its position without further support.

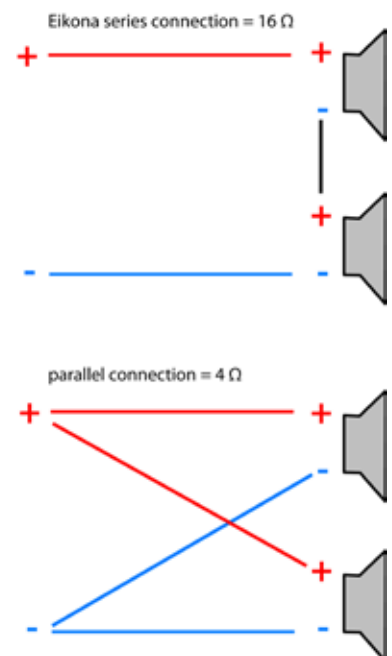
Depending on flooring, spikes or a base plate can be fitted to the foot of the enclosure to aid stability.

We recommend fitting grilles over the Eikonas and the ports to prevent damage to the cones and to deter unwanted ingress of domestic pets and smaller children through the ports.

The Eikonas can be wired in parallel if your amplifier is capable of handling a 3 Ω minimum load, or in series for an easy 16 Ω load which is ideal for many tube amplifiers (see diagram below).

Specifications:

<i>Drivers</i>	2 x Jordan Eikona 2 full-range drive units
<i>Mounting</i>	cutout 115 mm diameter, rebate 150 mm diameter, 4.8 mm deep.
<i>Fixing</i>	4 x 5 mm screws or Allen bolts into captive t-nuts. Eikonas are supplied already fitted with foam gaskets.
<i>Material</i>	18 mm MDF or Baltic birch ply (recommended).
<i>Stuffing</i>	Mundorf Angel Hair, 100 gm per enclosure.
<i>Size (ext)</i>	1200 mm (h) x 216 mm (w) x 254 mm (d)
<i>Sensitivity</i>	89 dB/watt
<i>Power</i>	5 - 100 watts (200 watts peak)
<i>Impedance</i>	4 or 16 ohms depending on wiring



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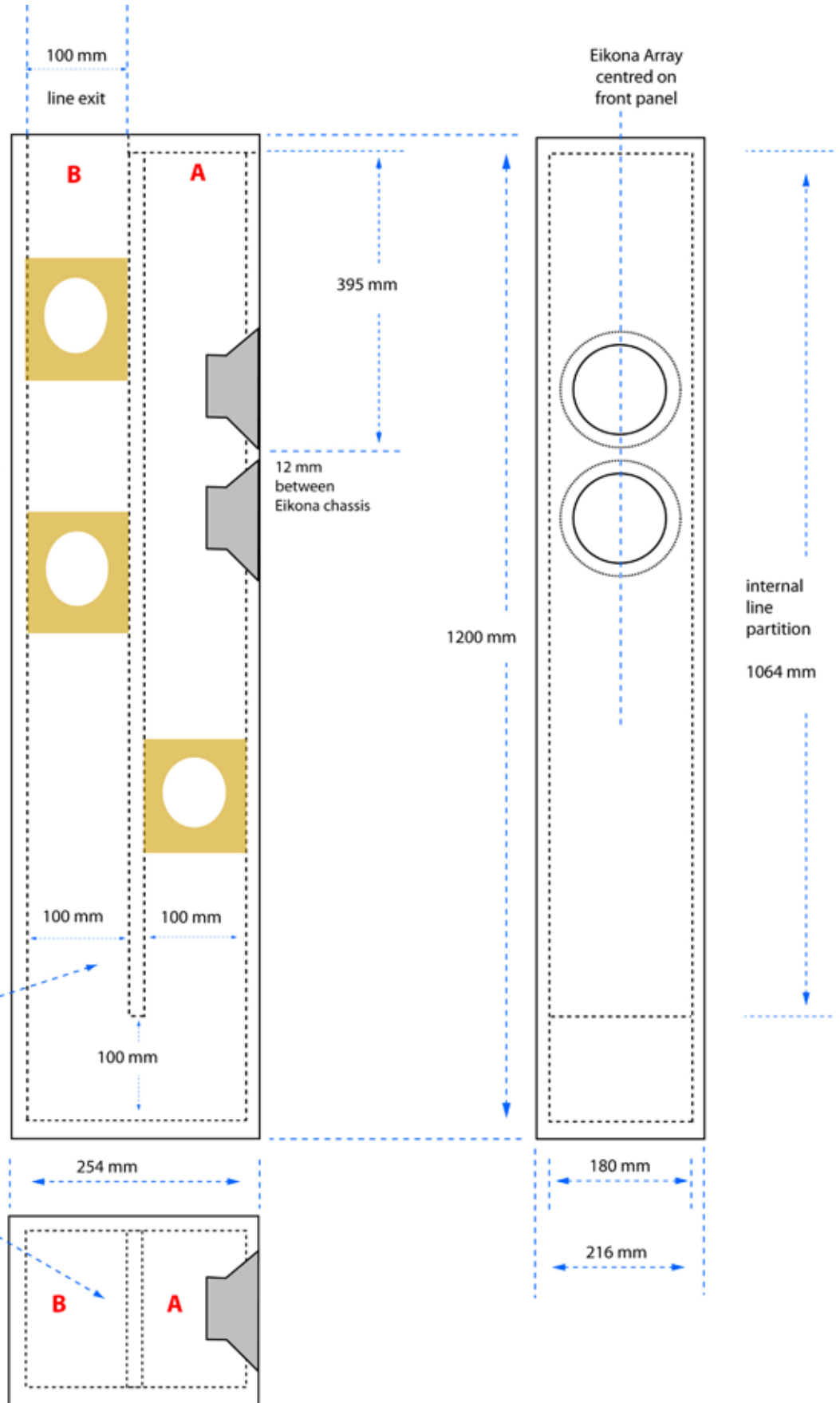
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Jordan Eikona TL2, design © EJ Jordan Limited 2019

100 x 100 mm bracing panels placed in centre of line, bracing front, back and partition

The holes are optional but help with air movement and keeping the line damping in place.

Line partition runs across width of the cabinet, as shown in plan view below.

The transmission line is closed at the speaker end **A** and open at **B**



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