Subject: 4Pi Plans & a question
Posted by suddenko on Wed, 07 Sep 2022 11:36:26 GMT
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Hi Wayne, huge fan of your work. I would love a set of 4pi plans.

Also a question. Have you explored the option of lining the enclosure with sheet lead to absorb standing waves? Seems a couple of guys do this to their high end models.

Thanks.

Subject: Re: 4Pi Plans & a question
Posted by Wayne Parham on Wed, 07 Sep 2022 13:12:48 GMT
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I've used various insulation materials and I've used constrained-layer panels, with PVC as the damping layer.

I haven't found any damping material that works as well as fiberglass-based R11. And while constrained layer panels definitely damp panel resonance, it didn't give any measurable improvement on my speakers. The bracing that is used is sufficient.

Subject: Re: 4Pi Plans & a question
Posted by suddenko on Wed, 07 Sep 2022 13:23:24 GMT
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Thank you for the plans.

Lead has amazing energy absorption properties, so I will take before and after measurements to see what it does in a larger enclosure.

Thanks again.

Subject: Re: 4Pi Plans & a question

Posted by 33 on Tue, 03 Jan 2023 18:31:02 GMT
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Hi Wayne.

We had already emailed briefly in October.
After studying your theories very interestingly, I would like to build the 4pi.
Would you please also provide me with the blueprint for the cabinet and crossover.

Best regards.

Subject: Re: 4Pi Plans & a question
Posted by Wayne Parham on Tue, 03 Jan 2023 19:45:24 GMT
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