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Subject: Retrofitting Altec 612 cabinet for a 4pi build

Posted by [lowtrail](#) on Fri, 12 Jul 2024 15:30:28 GMT

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I have an empty 6cu. ft. cabinet I want to do something with. I'm curious if the 4pi might work in this enclosure using a combination of volume reduction strategies.

You can read the full backstory on this thread on DIY Audio.

I was encouraged to ask the group here for advice.

Some specific questions I have:

1. Has anyone had success building 4pi in larger enclosures? If so, how was the xo modified? I have no experience with xo design.
2. If I were to subdivide my 6cu ft. enclosure (woofer chamber and horn chamber) to give the woofer the same volume as the standard 4pi build, would the xo need modifications? Port location would presumably change.

Looking forward to an education :) I'm very new to all of this.

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