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Subject: Re: 4 PI by Andy

Posted by [Wayne Parham](#) on Wed, 03 Oct 2012 18:14:04 GMT

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I'm not able to see some of your pictures. Looks like they're uploaded to a private area on the internet somewhere that you can see (probably because you're logged in) but the rest of us cannot see. I suggest uploading them as an attachment here, to make sure they are visible to everyone reading.

As for the mods, I'll have to make the standard disclaimer that if you don't measure the cabinet, you can't be sure the internal standing waves aren't going to make an anomaly in the lower midrange. So if you don't have the equipment and time to do acoustic measurements, then I would suggest sticking with the plans as shown, or with a mod that you know has been tested. Don't deviate blindly, even if what you plan to do appears to be a trivial change. It's just not worth it, to risk messing up the midrange when the plans as drawn are tested and optimized. We discussed this in the thread you linked above, so I think you understand.

Now that we're through with the "standard disclaimer", notice that I said "I would suggest sticking with the plans as shown, or with a mod that you know has been tested." Nick's mod has been tested, so if you go with his cabinet, you'll be good to go. You can center the tweeter but don't change the positions or sizes of the woofer or port(s). If you change position or size, you'll need to do some testing to verify the midrange.