
Subject: ? ART Array VS Zaph's BAMTM
Posted by [Dan](#) on Sun, 16 Mar 2008 18:29:50 GMT
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Hi, I've posted here before asking about arrays. I've got a couple more questions :) How well do you think a design like Zaph's BAMTM would translate to ART Array configuration? I know it would only be efficient as the tweeter but ~91dB is OK with me. The Baffle would be 9" x 95", woofers on the center line with 11" C-T-C and tweeter 1 3/8" off center per John's design. I think the woofer line will need some attenuation to work with my ~12' listening distance. I had originally thought going 2.5 way, but now I'm really wondering if John's simple & elegant x-over is really the way to go. Would it be as simple as bumping up the BSC inductor to match things up?
<http://i1111.photobucket.com/albums/n139/its-loud-dude/DA175/DA175Xovr.jpg>
Zaph's BAMTM

Subject: Re: ? ART Array VS Zaph's BAMTM
Posted by [Marlboro](#) on Sun, 16 Mar 2008 23:50:39 GMT
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The tweeters in the drawing are way too far apart. Comb filter distortion would be awful.

Subject: Re: ? ART Array VS Zaph's BAMTM
Posted by [Dan](#) on Mon, 17 Mar 2008 00:47:57 GMT
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Those would be ports There is just one tweeter, I may move it to the middle.

Subject: Re: ? ART Array VS Zaph's BAMTM
Posted by [Marlboro](#) on Mon, 17 Mar 2008 04:08:22 GMT
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What frequency is the cross to the tweeter?

Subject: Re: ? ART Array VS Zaph's BAMTM
Posted by [Dan](#) on Mon, 17 Mar 2008 06:14:21 GMT
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It's LR4 @ 1450Hz. I'd use the same componemts on the tweeter as - R6 the padding resistor

Subject: Re: ? ART Array VS Zaph's BAMTM
Posted by [Dave](#) on Fri, 21 Mar 2008 04:23:54 GMT
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I would put the tweeter at ear level for your primary listening position. I tried to compromise with a 104 dB horn tweeter between sitting and standing, the tweeter can keep up with the mids only at ear level for less than 15 feet. So the other day I went out and got 8 feet of tweeter, the world is going to be a much better place.
