
Subject: Re: second array already in the works
Posted by [Villain3g](#) on Mon, 12 Oct 2009 03:29:48 GMT
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I haven't forgotten about my line array dreams. I've been weighing options like cost and complexity.

I was wondering about the length of the tweeter line. A line of 32 modified Tang Band 13-1264SA would only be about 26.5". I was considering doubling that number to 64 tweeters per line. That would make the line closer to 53". Would this provide a noticeable pushback of the far-field transition? If so, then it might be worth the investment.

I'm also interested in bi-amping with an active crossover. Is that an active crossover in your setup Eric? Does it perform to your liking?

The Tympany TPY04WO4O0016 are a 4" woofer that head down to 66hz. They should be able to meet up with my subs. Their flanges will allow for 4-3/16" spacing, sufficient for crossing them at 3khz.

So, my setup as of now looks like 32 or 64 tweeters and 16 woofers per channel, bi-amped with an active crossover crossed at 3k.

The drivers are going to come to about \$1k... I guess that's on the low end of the spectrum for line arrays.

32 tweeters per line will get me down to about \$720.

What say you?
