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Subject: Re: Active Crossover Question

Posted by [daly2k](#) on Fri, 10 Feb 2006 17:56:44 GMT

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Amigos, I am building a line array loudspeaker with 12 Fountek 5" ribbons and 12 eton midrange/woofers. I am using an outboard passive crossover at 24db and with a crossover pt by simulation somewhere between 2k-2.5k depending on final listening tests. I did this because I have a large vinyl record collection and I didn't want my records going through DA & AD conversion. I also have many SACD's and I don't have a digital output for these from my Sony cd player, and I wouldn't want these reconverted anyway. I do have a digital out from my cd player and I don't mind converting this stream. The other issue is equalization in the crossover to match driver efficiencies etc. Can a digital crossover accomplish this? What if you need asymmetric crossovers? I am thinking about getting a digital unit just for the cd's and then using the passive crossover for everything else (just switching out the boxes). I have volume controls on my amps so I can control the system volume that way. When playing records I have the typical volume control through the line stage. Another idea I had was to get a room correction device but these are expensive. Any thoughts on these idea?

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