
Subject: Re: Crossover Question about building line arrays

Posted by [AudioFred](#) on Wed, 16 Sep 2009 23:20:27 GMT

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Having more drivers doesn't give you any more flexibility in line array crossover design. In fact, it's harder to get it right with a line array because of the effects of driver size and spacing with multiple drivers. There are more variables, and a modeled crossover for a line array is more likely to need tweaking.

Active crossovers solve lots of problems, but they can be very expensive if you're building a high end line array for use with high end audio equipment. You could insert a \$300 Behringer crossover between a \$5K preamp and \$10K of amplification, but that doesn't make much sense. However, if you're building a budget array and are willing to buy used pro audio equipment the cost can be very reasonable, and the sound quality of brands like Ashley, Rane, etc is surprisingly good.

Eric, this is your area of expertise, so please chime in here.
