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Subject: Re: Adventures in biamping

Posted by [Wayne Parham](#) on Sun, 17 Feb 2008 21:12:50 GMT

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Biamping is definitely a good thing. I always do diligence in designing a good passive crossover, because I think that's still the most popular way speakers are used. I want people to be able to use the speakers with a typical receiver or amp, and not need an active crossover and amps to to them. But if you have the gear, it's great to run 'em that way. I wonder which would be better, a passive crossover with Auricaps and large pure copper air-core coils or an active analog crossover with generic electrolytics and low-cost op-amps. Or a digital crossover with ADCs and DACs. With active crossovers, you have the benefits of reduced bandwidth in each amp but there is added complexity in the system overall. A digital crossover can easily set delay for any channel, a definite plus for people running basshorns. Lots of variables to consider. On a similar note, I've been using Keith Larson's new WTPro/ST system which uses DSP to create filters from Spice files. It's like having a Spice parser that sets up an active crossover for testing. It's a great tool for crossover design work!

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