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Subject: Biamping floor monitors instead of passive xover?

Posted by [insolace](#) on Sat, 13 Sep 2003 19:46:04 GMT

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Hi, I recently damaged the passive crossover in my floor monitors, so I'm considering just biamping them. The monitors use 12" woofers (i can't find the brand/model for the life of me, they were custom made by a friend who I've lost contact with), and motorolla CTS 1188a piezo drivers which are screwed in to the woofers. I've read that I might want to wire a 8 ohm 20 watt resistor in paralell over the terminals of the piezo driver, but I wanted to know if I needed to do this in an active/biamped situation. Also, is biamping in this situation worth it? I can get another amplifier and I already have an active crossover that I'm not using, but will I notice a difference in the quality/loudness of the system? It's easier for me because I've never built a passive crossover (although I don't think it's beyond my abilities), but I want to know if this is going to be more of a pain in the ass than it's worth (i now have to use 2 amps and a 2 space crossover where I only had to use an amp before).-eric

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Subject: Re: Biamping floor monitors instead of passive xover?

Posted by [Adam](#) on Sat, 13 Sep 2003 21:20:20 GMT

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It depends... I tend to believe that apples to apples, an active crossover will sound better than a passive one, although the difference won't necessarily be significant or even noticeable. The situation you describe would be biamping with an active crossover. The only problem is you really know nothing about this speaker, in regards to crossover points, slopes or other filters. Hooking up a simple straight in bi-amped system may sound better because there won't be any poor quality caps, coils or resistors to pass through. It may sound worse because you may not be able to set it properly, and there may be other filters on the crossover that you don't know about. My first instinct is to try and fix the crossover or order a replacement. If you want to try the bi-amped system, you pretty much already have what you need to try it out. You have one amp and an active crossover, and you could probably borrow a second amplifier. Try it out, see how it sounds. Adam