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Subject: impression on theater 4pi  
Posted by [bqc](#) on Thu, 25 Jul 2002 23:44:06 GMT  
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I have just completed a pair of theater 4pi. It does sound wonderful. I put them in corners and the stereo image is precise. A soloist voice appears to come from a precise point between the loudspeaker. The soundstage is large also. Other speakers that I have built in the past did not have this kind of precise stereo image when put in corners. I have one question about the heat being dissipated by the power resistor used in the woofer compensation circuit. How hot can it get? I screwed it against the back wall behind the woofer. If I put insulation over it, would it overheat and fail or even cause a fire? I am paranoid about this because these speakers will serve as speakers for our church organ and will be isolated by themselves in a darkened sound box without anybody paying any attention to them. Thanks

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Subject: Re: impression on theater 4pi  
Posted by [Wayne Parham](#) on Fri, 26 Jul 2002 01:00:31 GMT  
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Great to hear that you've completed your speakers! And I'm really happy you're enjoying them!!! About R1/R2 in the crossover circuit. I usually mount the crossover to the inside of the speaker cabinet, occasionally within a stand-alone crossover box. You can see the power curve on page

temperature rise but I can assure you that it won't overheat and fail when covered by insulation. They're designed for abuse such as this. Run 'em hard. I'm confident they will work well for you and your church, day in and day out, for decades.

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Subject: Re: impression on theater 4pi  
Posted by [bqc](#) on Fri, 26 Jul 2002 01:12:22 GMT  
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Thanks Wayne for your reassuring words about the heat generated. Our church organ committee is impressed also with the 4pi and if everything goes well, I will be asked to build either at least one more pair or may be even 2 more pairs!

Subject: Re: impression on theater 4pi  
Posted by [Wayne Parham](#) on Fri, 26 Jul 2002 01:25:09 GMT  
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Glad you like them. We've got plenty, so just let me know when you need more.

  

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