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Subject: Professional Series 7 Pi Plan Request  
Posted by [Jerrod Harden](#) on Sat, 15 Jan 2005 21:01:03 GMT  
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Hi Wayne! Could I please get a copy of the plans? I'll be running a pair of 2226's active below each midhorn and hf horn, but everything else should be close. I won't be needing to match a lf subsystem, so I can run the hf horn at the minimal 6 db attenuation which results in a 104 db hf section. I'm guessing I'll need to pad the midhorn down a db or two to get to matching levels. Do you know what resistor values would be required to attenuate 1-2 db in a 8 ohm system? I can convert for appropriate 16 ohm values. Thanks! Jerrod

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Subject: You've got mail!  
Posted by [Wayne Parham](#) on Sun, 16 Jan 2005 03:12:47 GMT  
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When using passive networks for tweeter horn compensation, you really can't reduce attenuation without also reducing augmentation up high. So there's a limit to how much can be done. For what you're wanting, I'd suggest you go full active and EQ the tweeter level up some in the top couple of octaves.

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Subject: Re: You've got mail!  
Posted by [Jerrod Harden](#) on Sun, 16 Jan 2005 12:36:51 GMT  
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Wayne, I'm intending on using something very similar to the 1.6K crossover with 6db augmentation. This will bring the JBL 2426J/2370A combo down to 104 db across its bandwidth, if I understand correctly that you are attenuating the lower end of the driver response to match the top end making a more linear response. If this is correct I'm planning on matching the cone driven midhorn to this level. My guess was that the midhorn/2123J would be in the 105-106 db range. Not a lot hotter but a little bit, approximately a db or two. Should I try it as is or will the midrange shout a bit? Thanks for sending along the plans. Take care! Jerrod

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Subject: Re: You've got mail!  
Posted by [Wayne Parham](#) on Sun, 16 Jan 2005 17:32:41 GMT  
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I have a 6dB tweeter crossover, so I'll send you the schematic if you want. You probably already

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have it, because there's a chart of values that show optional 6dB-14dB components included with the midhorn, you'd definitely want to change the midhorn attenuation level to match. But I think I'd plans or run a fully active system. If you run 6dB compensation then you'll still need additional EQ.

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