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Subject: Adding DE250 to 4 Pi?

Posted by [GarlandGarland](#) on Tue, 07 Oct 2008 15:24:39 GMT

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Wayne or others, I've updated the crossover and love the sound. Now I've purchased a pair of B&C DE250 drivers to go in. Am I right to assume that I hook them up as in the crossover schematic, with the black post to wire 1+ and the red to 1- and the woofer red to 2+ and black to 2-? Are the two drivers out of phase? Just want to make sure I hook em up right the first time!  
Thanks, Garland

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Subject: Re: Adding DE250 to 4 Pi?

Posted by [Matts](#) on Tue, 07 Oct 2008 16:57:53 GMT

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B&C's are like many JBL's- the black is forward motion with pos. signal, opposite of most other speakers. I put a B&C in one side of mine to a/b them, and the result clear to all who listened.

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Subject: Re: Adding DE250 to 4 Pi?

Posted by [Wayne Parham](#) on Tue, 07 Oct 2008 17:03:20 GMT

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Connect the drivers as shown in the schematic. Also, be sure to change R1 and R2, because voltage sensitivity of the DE250 is a little higher than the PSD2002.

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Subject: Re: Adding DE250 to 4 Pi?

Posted by [GarlandGarland](#) on Tue, 07 Oct 2008 20:10:42 GMT

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Hi Wayne, I may be confused but note 6 in the crossover schematic calls for R1a, b, c and d to be changed but does not mention the R2 chain being changed. Is there an error?G.

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Subject: Re: Adding DE250 to 4 Pi?

Posted by [Wayne Parham](#) on Tue, 07 Oct 2008 20:54:51 GMT

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You're not confused, you're right. I tend to think of R1/R2 as a pair but in this case, the value of R2 remains the same. Here's a chart of R1/R2 values at various padding levels: Compensation component values

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