Subject: Wayne - Crossover values for 2 x 16-ohm motors in Four-Pi Pro
Posted by ccvogel on Sun, 30 Apr 2006 12:18:58 GMT
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Wayne,If I ratio the nominal impedances [ie, 8 to 16] and back substitute into your 1K6a012dB crossover circuit for a Four-Pi Pro, I get the following values:Woofer:C4 = 5 uFL2 = 2.0 mHTweeter:C2 = 4 uFC3 = 11 uFL1 = 1.2 mHReferrring to the thread below on 16-Ohm CD compensation circuits, we have:C1 = 0.33 uFR1 = 50RR2 = 16RDo these values work well, or have I missed something?Thanks for help,ccvogel

Subject: Re: Wayne - Crossover values for 2 x 16-ohm motors in Four-Pi Pro
Posted by Wayne Parham on Mon, 01 May 2006 14:21:58 GMT
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formed by the driver and the components C1, R1 and R2, and this is a solution that works well

compensation coming in at the right frequency.

Subject: Re: Wayne - My real question
Posted by ccvogel on Mon, 01 May 2006 15:15:30 GMT
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I'm afraid my question was poorly stated. What I'm really asking is for ALL of the Four-Pi crossover component values when both the 2226 and 2426 are 16-Ohm versions.Thanks,ccvogel

Subject: Re: Wayne - My real question
Posted by Wayne Parham on Mon, 01 May 2006 15:39:37 GMT
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Oh, I see now, gotcha. The tweeter is the hard one though - the midwoofer is easy 'cause it just has one series coil. Double it, go with a 1.4mH coil L2.