Subject: Experience with BMS 4592 ND (16 Ohm)? A few questions - Bill M.?
Posted by Peter K on Thu, 23 Mar 2006 19:06:59 GMT
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Hi,I would really like to hear from people who has direct experience with the BMS 4592 ND (16 Ohm version). I do not have access to measuring equipment, so I have a few questions that I hope someone would answer:1. Does the BMS “mid” have a higher sensitivity than the BMS “tweeter” section and if “yes”, then how many dB’s in difference?2. Where do you place the crossover between the mid and the high section? (I know that BMS recommends 6,300 Hz, but I have also heard that some people have had difficulties making the two sections “reach” each other.)3. What is the impedance of the BMS “tweeter” at this crossover point?Thanks a lot!RegardsPeter

Subject: Re: Experience with BMS 4592 ND (16 Ohm)? A few questions - Bill M.?
Posted by DMoore on Tue, 28 Mar 2006 01:31:21 GMT
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Peter, I cannot speak to the neodium version (4592) but I can about the 4590. The overall system Z for the combination mid and tweeter is 10 Ohms. Complex impedance of the two halves of the BMS coaxial driver (mid and tweeter): The midrange is 10.4 Ohms at a 39 degree phase impedance, equivalent to 13.5 Ohms in parallel with 0.44 mHy.The tweeter plot is 7.54 Ohms at a 7.55 degree phase impedance, equivalent to 7.54 Ohms in series with 26 uHy.The 6300Hz is recommended by BMS because that is where a VERY slight peak appears in the frequency response. I chose 6K for my crossover point.The tweeter sensitivity is seemingly just fine straight up with the mid, HOWEVER, I chose to attenuate both mid and tweeter frequencies (prior to "splitting" them up)with the same autoformer, so I have a separate tweeter crossover AFTER the attenuation.The tweeter runs "straight" with the midrange driver once that level is set. The tweeter is not the problem, it's the midrange!Dana M.

Subject: Re: Experience with BMS 4592 ND (16 Ohm)? A few questions - Bill M.?
Posted by DMoore on Tue, 28 Mar 2006 01:34:46 GMT
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Oops! I neglected the 16 Ohm part! Sorry. My previous post won't have much value in that case.Dana

Subject: Re: Experience with BMS 4592 ND (16 Ohm)? A few questions - Bill M.?

Posted by Peter Krojgaard on Tue, 28 Mar 2006 17:26:36 GMT
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Hi DMoore,Thanks a lot for your reply anyway!RegardsPeter