Subject: Eminence X-over for 4Pi
Posted by Chris R on Tue, 11 Nov 2003 13:01:09 GMT
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Hi Wayne,   I've seen you recommend these as an economical way to getthe base X-over, then add the attenuator and HF comp. I'mall hooked up with spice so I can view the effects of theattenuator on x-over freq, except that I don't have theschematics from Eminence to plug into the spice model.Is that available?Thx, Chris

Subject: Re: Eminence X-over for 4Pi
Posted by Wayne Parham on Tue, 11 Nov 2003 13:56:40 GMT
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Components L1, L2, C2, C3 and C4 are on the Eminence crossover PCB, which are sourced by,

1.6kHz crosssovers. The 600Hz and 250Hz/1.6kHz units are also sourced by Eminence, but are

PCB, adding a compensation cable assembly for the tweeter and Zobel damper for the woofer. There are some photos of these addition cable assmblies in the post called "Compensation networks - Photos." And the Spice model for the crossover can be found in the distribution of

Subject: Re: Eminence X-over for 4Pi
Posted by Chris R on Tue, 11 Nov 2003 18:49:34 GMT
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Thanks for the clue-by-4. One more stupid question. I have a pairof Kappa 15's. My take on the efficiency graphs is its a 98dB/Wdriver. Eminence rates the PSD2002 at 105dB. Does that mean I needthe -8dB x-over, or is the PSD2002 more efficient once mountedon a horn? I thought I saw 110dB in one of your x-over docs.thx, Chris

Subject: Re: Eminence X-over for 4Pi
Posted by Wayne Parham on Tue, 11 Nov 2003 19:35:48 GMT

I'd use the 10dB attenuator/compensator circuit.