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Subject: Need crossover help

Posted by [Jostein](#) on Mon, 29 Apr 2002 07:40:46 GMT

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Hi wayne and everybody else have some Emilar coaxial loudspeakers ELK12D, it is a 12" with a compression driver. The sensitivity of the compression driver is 102dB and 95 dB for the 12". I would like to build a crossover for these. Can you give me some advice. Thanks Jostein

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Subject: Re: Need crossover help

Posted by [Wayne Parham](#) on Mon, 29 Apr 2002 15:05:03 GMT

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Naturally, you'll need 7dB attenuation for the tweeter. Look at the response curve of the tweeter to know if you'll need top octave compensation, and how much.

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Subject: Re: Need crossover help

Posted by [Jostein](#) on Tue, 30 Apr 2002 04:38:03 GMT

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I don't have any response curve of the tweeter, but I used a 900Hz filter I had around with a L-pad, just to test how it sounded and I think I will need top octave compensation. I think a crossover freq. of about 1.6-2kHz should be fine for this driver. I have never designed a crossover before and would be very grateful if you had some drawings of a crossover to use with this driver. The impedance of the driver is 8 ohm

Subject: Re: Need crossover help  
Posted by [Wayne Parham](#) on Tue, 30 Apr 2002 05:25:10 GMT  
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Send your E-Mail address to [Wayne@PiSpeakers.com](mailto:Wayne@PiSpeakers.com) and I'll send you the schematics. You may also be interested in the Spice models for same.

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Subject: Thank You Wayne. I have sent Email adress. (NT)  
Posted by [Jostein](#) on Tue, 30 Apr 2002 08:56:41 GMT  
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Subject: You have mail!  
Posted by [Wayne Parham](#) on Tue, 30 Apr 2002 12:13:20 GMT  
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