Subject: Re: Question about attenuating the 2123
Posted by Wayne Parham on Sun, 14 Jan 2007 17:43:03 GMT
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Oooh, that's sweet, Bill. You have all the right stuff for a great speaker.For your midrange driver, you don't want to use the attenuator configuration I use for compression tweeter padding. It is a special case where I want a specific load on the crossover that makes it underdamped. I do this to create a shelved region for a couple of octaves between the crossover frequency and the HF range where augmentation begins. So this kind of network allows some peaking to

is to provide pure attenuation without allowing peaking or providing excessive damping. It provides a little bit of damping, but it is pretty much a matched load. I suggest the same thing would probably be good in your speaker.Try this and see how it sounds for you: Assuming your

instead. For a crossover, try running it wide open and see how that sounds as a full range. You might add a coil to tame the top end a bit. Start off with values around 0.5mH for a 2123H or 1.0mH for a 2123J. I wouldn't use a capacitor, allowing the woofer and midrange to overlap. They're close enough they'll act as a single source at low midrange frequencies anyway because