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Subject: inductor and mid driver questions

Posted by [braddog100](#) on Thu, 29 Dec 2005 14:44:48 GMT

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I have recently started my exploration into spkr technology. Desiring to build cabinets for my kids from older cerwin vega 12" based 3 ways I noticed attempting to reverse engineer to build another set, that the Inductors of the same value are considerably larger from DIY supplier, also the measured resistance of the old very thin wire inductors is close to .5 ohms. The replacement had 0 ohms. Parallel with an 8ohm spkr driver, doesn't this matter? also the original had a metal core. Is this superior? Desiring for the mid to carry 500 - 4000Hz, is there a preferred mid for this job? Also interestingly, I found a web site with a passive component calculator with both Butterworth and Linkwitz - Riley values. [www.bcael.com/xoorder.htm](http://www.bcael.com/xoorder.htm) I also noticed that the high pass inductor value differs greatly from what I originally had, though I'm sure they are less relevant than low pass inductors. Should I redesign the Xovers to fit the component values from the calculator? Both kids have very high grade solid states, pioneer 1050s with extensive capacitor upgrades. Muse Es thru out audio path, cascading etc. I would consider any suggestions carefully, observing the level of expertise on this site to be high. I understand that there are no stupid questions, but, are there many inquisitive idiots? Brad