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Subject: Compensation Network connection  
Posted by [HaknHendrix](#) on Wed, 24 Mar 2004 01:53:05 GMT  
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About to solder the tweeter compensation resistors together, along with the capacitor. I hope this diagram is understandable, but want to make sure I've got it before I commit solder. The diagram below should represent 4 pairs of 16 ohm resistors in parallel serial combination. Top View of Resistor Pack

O----O----O----O      O----O----O----O Bottom View of Resistor Pack  
T1-----O----O    O----O----C3      |                      | T2-----O----O    O----O                      | |  
|-||-|                      C1ThanksHakn

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Subject: Re: Compensation Network connection  
Posted by [Adrian Mack](#) on Wed, 24 Mar 2004 02:35:26 GMT  
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Not sure if this is what you're looking for, but I think it is. See this post:  
<http://www.audioundertable.com/PiSpeakers/messages/13262.html> Adrian

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Subject: Re: Compensation Network connection  
Posted by [HaknHendrix](#) on Wed, 31 Mar 2004 13:24:39 GMT  
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OK - I'm ready to fire up the soldering iron - well almost. I sharpened my pencil, diagrammed the compensation network based on the 4 Pi schematics Wayne sent me - lots of lines connecting the resistors (series/parallel), and built a 3 dimensional model out of cardboard. I then looked at the URL sent to me with the attached graphic:  
<http://www.audioundertable.com/PiSpeakers/messages/13262.html> and modeled this out of cardboard - and they are two different beasts. So, if I duplicate the compensation network based on the picture provided via the URL - I feel like I should be Good to Go. It will be connected to the Eminence PCB. The woofer compensation network looks easier - connect the dummy resistor to the capacitor, and connect the leads in parallel prior to connecting to the woofer.

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Subject: Re: Compensation Network connection  
Posted by [Wayne Parham](#) on Wed, 31 Mar 2004 23:04:55 GMT  
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I have a suggestion. When you build-up your cluster of four resistors to make R1 and another

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four to make R2, measure them with a DVM to make sure the result is 16 ohms for each one. It's just a series-parallel connection that is physically shaped in a way that's convenient.

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