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Subject: 4Pi Pro crossover

Posted by [LuxmanLover](#) on Sat, 28 Sep 2002 16:34:58 GMT

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What gauge wire is required for the inductors in the 4Pi Pro. I've been attempting to wind my own with mixed results, in other words, I'm about ready to throw in the towel and phone Solen! I was wondering if 20 gauge on the tweeter and 12 gauge on the woofer would suffice. Underkill, overkill?Kelly

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Subject: Re: 4Pi Pro crossover

Posted by [Wayne Parham](#) on Sat, 28 Sep 2002 17:44:42 GMT

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Actually, you can't really "overkill" so the large wire for the woofer is fine, but you don't really need to go bigger than 16 guage for this coil, even if it has an air coil. The required coil in the tweeter circuit is a bit surprising, because there actually is the potential for a reasonably high current through this coil. But 20 guage is fine there.

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Subject: Re: 4Pi Pro crossover

Posted by [LuxmanLover](#) on Sat, 28 Sep 2002 18:34:14 GMT

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Solen's catalogue doesn't carry the exact values of inductors that the crossover calls for. They have .58 .62 .68 and .75 mH in 10 - 20 ga. wire, is ther an optimal "mix" that will not mess up the crossover.THX again Kelly

Subject: Re: 4Pi Pro crossover  
Posted by [Wayne Parham](#) on Sat, 28 Sep 2002 18:38:26 GMT  
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You can use a 0.68mH coil with good results. Large guage is better than small, of course, but you shouldn't expect to gain much past 14 guage.

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Subject: Should I use .....

Posted by [LuxmanLover](#) on Sat, 28 Sep 2002 19:41:27 GMT  
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.68 for the woofer or both the woofer and tweeter or...?Kelly

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Subject: Re: Should I use .....

Posted by [Wayne Parham](#) on Sat, 28 Sep 2002 21:09:19 GMT  
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Use the 0.68 mH value for the woofer and either the 0.58mH or the 0.62mH coil for the tweeter.

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Subject: Thx again wayne...nt

Posted by [LuxmanLover](#) on Sat, 28 Sep 2002 21:15:43 GMT  
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Subject: Sigh!!!!

Posted by [LuxmanLover](#) on Mon, 30 Sep 2002 16:08:48 GMT

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I broke down I made the call....admitting defeat is a bitch.....lolKelly

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