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Subject: Three PI X-over questions

Posted by [rx7mark](#) on Tue, 24 Sep 2013 09:42:59 GMT

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HI,

After studying the 3PI crossover schematic for a while and looking at options for parts, I have just a few questions.

My intended setup is going to be with updated drivers, AE TD12S woofer and B&C DE250 tweeter.

1)The schematic notes say that the Zobel and C1 are not required for this configuration. Are these locations jumpered or left open? I would assume open, but wanted to verify.

2) The plans call out for 20uf for C3 & C4 for this configuration, but I was wondering if 22uf is close enough for one or both. Is the woofer or tweeter more critical? Thinking about using the Obbligato oil's, so I have a choice of 22uf, or 2x10uf, or a series of smaller caps cascaded.

3) Anybody have experience with the copper foil inductors? Pro's and Con's? Thinking about either 14ga or 15 ga. Comparing 15ga Jantzen aircore solid wire as recommended. 1.0mh, DCR .30ohm at \$15 to Goertz 14ga copper foil 1.0mh, DCR .188 at \$31. Obviously a little more expensive, but might be worth it if going for a high end result? Any advise?

Thanks in advance for any and all replies.

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