
Subject: Old Theater 4 Crossover

Posted by [GarlandB](#) on Mon, 12 Aug 2013 13:09:00 GMT

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Hi Wayne,

Can you post or e-mail me the old Theater 4 crossover schematic? I'm trying to resurrect my Theater 4s who sacrificed their crossovers for the more recent Pi 4s. and I can't find the original documents from 12 years ago or so.

Also, thanks for the new H290C horns! I'm trying to get a handle on their sound. -Definitely different and I think, cleaner (more clear) but possibly thinner as well. -not as full sounding which may be good. But since I'm using low power amps I like (need) the fullness. The horns are keepers none the less!

Thanks as always,

Garland

Subject: Re: Old Theater 4 Crossover

Posted by [Wayne Parham](#) on Mon, 12 Aug 2013 15:25:08 GMT

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I'm not sure I have the old documents, but you can use the same crossover. Just add a 0.47uF capacitor in position C1 and remove resistor Rs.

Subject: I found the plans!

Posted by [GarlandB](#) on Mon, 12 Aug 2013 17:56:52 GMT

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Wayne,

Thanks for the reply. I just found the plans for the Theater 4s and notice that the crossover is bit different from the new 4 Pi crossover; -2 inductors instead of 3 and a few different capacitor values. Do you think the "new" 4 Pi will be better performing with the Eminence Delta 15 and PSD2002 in the larger cabinet than the old crossover?

Garland

Subject: Re: I found the plans!

Posted by [Wayne Parham](#) on Mon, 12 Aug 2013 18:23:20 GMT

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I do think it will be better, yes. The new cossover is much more optimized. Then again, of course, it is optimized for the woofers shown, and not for the Delta 15. I stopped using that driver sometime in the early-2000s. But the basic topolgy is the same, and what you're seeing is incremental improvements. I think it is worthwhile to take advantage of those improvements if you're starting out fresh.
