
Subject: the skinheads have left.....
Posted by [replay](#) on Fri, 10 May 2002 00:06:36 GMT
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it's safe to post again. c'mon where is everyone.cheers,george

Subject: I got my crossovers today...
Posted by [mikebake](#) on Fri, 10 May 2002 00:18:40 GMT
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yahoo, a pair of GEN-U-INE El-Wayno ex-overs.....yeehaaaWifey said "git yerself to bed" "I sed, hoooney, I'm a -werkin on these a here x-overs from WAYNE, pass me a BEER hoooney, sose i can finish installin them in proper fashion" so, needless to say, I'm a goin' to bed w/out installin them.....but durn, they are PRETTY.....signedAn Emasculated Audiophile

Subject: Re: I got my crossovers today...
Posted by [Wayne Parham](#) on Fri, 10 May 2002 00:45:03 GMT
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Cool! Let me know how they sound to you!

Subject: Cats on acid
Posted by [Wayne Parham](#) on Fri, 10 May 2002 00:49:37 GMT
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Yeah - Poor Rude-E. I think the bugger bought some bad acid. Either that or he's one of the "bad-R's." Or maybe both things are true. Can you imagine one of the R's on acid? Now that I think about it, maybe that's the deal. Maybe his catnip is acid.

Subject: Mikes crossovers and question for Wayne

Posted by [spkrman57](#) on Fri, 10 May 2002 09:42:42 GMT

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Mike, Don't forget to give me the results of the 4655BK project now that the crossovers have arrived. Also, per my last e-mail to you, don't forget to let me know the values used. Wayne, I don't know if you caught my previous posts concerning 4648 use with altec horn drivers (Sam's post really), I mentioned using 288 driver with 16 ohm impedance and using parallel 15 ohm resistor to equal 8 ohm load to the crossover. I have 2 separate questions: 1. Would it be easier to configure crossover for 16 ohms, and what values for 18 db/oct (your standard crossover) would you use????? I would need compensation figures also. JBL 4648 = 100 db/watt/8 ohms and 288C per Altec page = 115 db/watt/16 ohms (using 16G diaphragm) crossing over at either 500hz, 600hz or 800hz would be fine. I can use parallel resistor to make 8 ohm load and deduct 3 db for the shared load for a result of 112db/watt. This driver has plenty of efficiency to shave and have plenty left, which way is better???? 2. I might bi-amp (Rane AC-22 x-over (24db/oct/LR) using 6bq5 SET amp on the 288's (maybe 3 watts on a good day/Knight KN-715 stock) for compensation, can I use resistor in series paralleled with a cap on top end. the bi-amp frequency would be 500 hz. The 288 specified response is 500hz to 16khz. The 311-60 horn I'm using is 1.4" throat with 220hz taper cutoff, and "DOES NOT RING LIKE 511/811" That's the reason I paid good money for the pair of horns/drivers. Once again, thanks for taking the time for my many "off the wall experiments". I figure since I have so many odd pieces of audio equipment and speakers I would experiment and share my results for those who only want to create/purchase "One system" for themselves and don't have to spend a lots of money to try different ideas. Wayne, Love the kit ideas!!!!!!!!!!!!!! Regards, Ron

Subject: Spice distribution

Posted by [Wayne Parham](#) on Fri, 10 May 2002 16:23:12 GMT

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The best way to accurately find the proper values for your 16 ohm compression units is to model them and the crossover together with Spice. At this link, you will find the distribution of Spice and

values for R4 and L4 with those of your compression unit. They correspond to Re and Le. Then, substitute values for L1, C2 and C3 to set the crossover frequency. Also find values for R1, R2 and C1 to provide appropriate compensation and tweeter reactance damping. Run the analysis to see the response curve - When it has no peaking and gives the attenuation and top octave compensation you want - You're done.

Subject: So, Wayne, help an idiot out

Posted by [mikebake](#) on Fri, 10 May 2002 16:53:53 GMT

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You sent me the 1600hz crossover? I was thinking that the 2225 needed to not be crossed over higher than 1200. My knowledge on this crossover stuff is zip. The installation was fine; I'm staining the deck so after installing the xovers I unhooked the deck speakers and hooked these up, to listen to while I work. Sounded okay but I kept hearing weird phaseyness/dropout/cancellation when walking between them.....yep, didn't have wires from the house hooked up properly, Duh. Sounds fine now but I'm not used to hearing a 2225/2226 work up high like it is. Where is it really cutting off and and the 2416 coming on?

Subject: Crossover stuff

Posted by [Wayne Parham](#) on Fri, 10 May 2002 19:57:52 GMT

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appropriate for the speakers you are putting together. Have you installed them? How do they sound?

Subject: There's nothing worse than

Posted by [mikebake](#) on Sat, 11 May 2002 00:16:43 GMT

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a new convert. Wayne, you SOB, I'm under the spell. These things are makin' music. The high end is just right.....more later, but I'm diggin' em. They just gave me one of "those moments".

Subject: Re: There's nothing worse than

Posted by [Wayne Parham](#) on Sat, 11 May 2002 01:46:37 GMT

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I'm glad you're likin' 'em!
