Subject: D-130 cabinet
Posted by Iowa Boy on Thu, 10 Jul 2014 18:21:09 GMT
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I'm having trouble finding 15 inch 16 ohm pa speakers. Eminence makes Delta 15A that is just what I'm looking for but is only 8 ohms.

I know that originally this cabinet was intended for guitar, but have made it into bass/PA since that is what I play. Face board is inverted just like Pleat suggested; (2) Eminence Delta 15B speakers will be wired separate to speaker jack for playing bass. For PA, have Altec 811B horns, Selenium D22oTi-16 drivers, 16 ohm/100 watt L-Pad attenuator; high-pass 8 ohm 3,000Hz 100 watt crossover, and of course the driver adapter plate. All of this will be in a separate horn cabinet on top of speaker cabinet.

My plan is to add an additional jack to horn cabinet and another one into the speaker cabinet this way I can use the horn and the top speaker as a separated speaker cabinet when running as a PA and also use the bottom two speakers as a separate speaker cabinet. Now I should have (4) output sources so that I can use all 4 speaker jacks on my 400 series amps.

I know it sounds like a lot of work but hope this will actually be functional.

Since the crossover claims that 75% of the power will go to the woofer and the rest to the horn, would using an 8 ohm speaker instead of a 16 cause any problems? And did I order the right crossover.....was concerned about the 3,000Hz since this horn has a minimum crossover frequency of 1200 Hz.

Thanks

Subject: Re: D-130 cabinet
Posted by rodak on Thu, 10 Jul 2014 18:52:07 GMT
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Did you try the link I gave you in your K400-B thread?
http://www.amazon.com/EMINENCE-DELTA15B-American-Standard-Sp eakers/dp/B000A1JOT2

Parts Express has them, too:
http://www.parts-express.com/eminence-delta-15b-15-driver-16 -ohm--290-419

Subject: Re: D-130 cabinet
Posted by Iowa Boy on Thu, 10 Jul 2014 19:28:45 GMT
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Stupid me.....those are what I have in the bottom two speakers.....guess I didn't realize that

they were also mid bass for PA. Too many late nights on the computer.

Is the crossover I bought ok to use with all this?

Subject: Re: D-130 cabinet
Posted by pleat on Thu, 10 Jul 2014 23:41:52 GMT
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The crossover point at 3000 HZ is more in the tweeter range. 1600 to 2000HZ would have better results for vocals. Install the crossover in the horn box your building and install a input jack from the amp and a second jack that will wired to the lo output of the crossover and you won't need 4 jacks. The second lo out jack will feed to the 3x15 Kustom cabinet.

pleat

Subject: Re: D-130 cabinet
Posted by Iowa Boy on Fri, 11 Jul 2014 19:34:34 GMT
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Thanks for the advise. Will send the crossover I got back to Parts Express and see if I can find one at the rating you suggested.

Think we are set for speaker cabinets now.....just have to get them put together. The thread on using garbage disposal flange for port tube was a great idea....and only $30 for a set.....and they are chrome metal! Will do until real chrome ports are located.

Will be in touch when start messing with amp heads. Sure I will have lots of questions for you guys.

Again, I can not thank everyone enough for all your help. Couldn't have done it with out you all. You guys are ROCK STARS!!!!!
