
Subject: K-400b update

Posted by [Iowa Boy](#) on Sat, 28 Jun 2014 15:25:20 GMT

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Thought it was time to start a new thread since the other was getting to long.

You guy once again have dazzled me with your insight and knowledge. Many thanks.

I finally now see the big picture as to what I need to be doing to make these cabinets functional with the amps that I have. (1) buy 4-16 ohm matching woofers that I can afford;

(2) since cabinet is currently empty, turn speaker board upside down and close top opening until horns

can be found;

(3) when horns are found, get cross-over board.....any suggestions as which one to get....specifics please.

(4) install on/off switch for horns.

So there is no way of using just one speaker cabinet with my amps then for bass only? A separate wiring circuit internally where one speaker would run left side and other the right. I realize that total load would be 8 ohms and power would be decreased but would make functional. Would that be possible?

Again, thanks. You guys have made my dream a reality.

Subject: Re: K-400b update

Posted by [pleat](#) on Sat, 28 Jun 2014 20:25:26 GMT

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You can use either the K200 or K400 with one speaker cabinet. If you do flip over the speaker board and section off the top speaker, basically turning it to a 2x15 cab. I'd still use 16 ohm speakers in the cabinet(S) until you can get some siren horns.

You could wire a speaker cabinet with a special circuit so each speaker has it's own output, but I can't see a need for it. Using the 16 ohm speaker and each speaker being driven by each amp of the K400 really defeats the purpose, you have a 16 ohm speaker being driven by a 100 watt RMS 4 ohm amp. You would have more power by using just one side of the K400 that would drive both 16 ohm speakers that would be a 8 ohm load to the amp you choose to use. It also simplifies the cabinet if you want to drive one cabinet with the K200 head.

Kustom used a simple 4 MFD 50VDC non polarized capacitor wire to the + side of the horn driver.

pleat

Subject: Re: K-400b update

Posted by [stevem](#) on Sat, 28 Jun 2014 20:41:42 GMT

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The only thing you could do to run two amp into one cab would be to install a tip ring sleeve type jack, this will let you wire one speaker for one amp and one to another. You would then have to make up a Y cable with one TRS jack and two normal guitar jacks.

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Sat, 28 Jun 2014 21:37:22 GMT

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Thanks for the advice.....so if I am boxing off that empty speaker hole, do I still invert the speaker face plate? Guessing the bolt pattern will not match up. Have notices here for horns and on Craigslist. Spotted one so far. Have a great weekend.

Subject: Re: K-400b update

Posted by [pleat](#) on Sat, 28 Jun 2014 21:54:50 GMT

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The speaker board will bolt back in upside down. You would have to flip the speaker board if you were to box off what would then be the top speaker. Since the port tubes are spaced between the top speaker and center speaker, you couldn't easily block off the top speaker if you were to leave the speaker board as it came from the factory. Just a thought, make your 3x15 cabs siren horn PA cabs and look for some 2x15 or 3x15 bass cabinets for bass guitar work.

pleat

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Sun, 29 Jun 2014 06:57:23 GMT

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Right as rain about the ports, didn't notice that. Since I haven't won the lottery yet and speakers for these two cabinets and the 595 cabinets are not cheap, I'm just trying to find a way that I can use these D-130's to accommodate everything for now. Eventual plan is to find 2 of the shorter cabinets to run bass thru and then buy the best 15's I can get my hands on.

Saw a listing on Craigslist last night for 2 cabinets with horns already in them for \$1000. Looks like I will have almost that much tied up in restoring these D-130. But how can you put a price tag on all the scrubbing, polishing, replacing & patching ????????

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Sun, 29 Jun 2014 18:06:56 GMT

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Been looking at horns....so far this is what I have found:

Altec horns 511b.....no drivers.....\$60 ea\$60 freight. What drivers would I need to operate these in my cabinets?

Kustom 543 with drivers.....no specs.....\$100 ea....freight \$70.

Thoughts on these?

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Sun, 29 Jun 2014 23:13:32 GMT

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Finally found some 16 ohm, 15 inch speakers.....Eminence 15B. Paid \$85.00 each on Amazon. Not much out there for a selection on 16 ohm speakers. At least these are rated at 400/800 watts so they will handle way more than I have for now.

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Mon, 30 Jun 2014 20:14:49 GMT

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Need fast response.....just found a set of Altec horns H-811b. 10 X 18 X 8 1/3. Measured and see no reason why they won't fit. Asking \$120 and no drivers. Will this work for me??????

Subject: Re: K-400b update

Posted by [pleat](#) on Mon, 30 Jun 2014 20:56:38 GMT

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They should work as long as you make a new speaker board for the cabs. I think the only problem would be the depth if you ended up with a driver that is too deep, you may have to cut a clearance hole in the back panel for the driver to stick out. Sounds like a lot of work and cost to me.

pleat

Subject: Re: K-400b update

Posted by [braud357](#) on Mon, 30 Jun 2014 21:18:55 GMT

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The Eminence horn drivers are fairly flat in depth - you might look at those first. Also, you may still have to space the horn out a bit so that the driver will clear the back panel.

Subject: Re: K-400b update

Posted by [Iowa Boy](#) on Mon, 30 Jun 2014 21:47:05 GMT

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The work at fixing the speaker board is nothing.....do you think \$150 is too much for two vintage Altec horns?

What about the 16 ohm cross-over.....Parts Express only showed 8 and a couple of 4's. These horns at least look close to what I have seen on the older Kustoms. Did see one on Ebay that claimed to be out of a 2 X 15 Kustom but was asking about \$200 and no mention of driver.

Subject: Re: K-400b update

Posted by [steven](#) on Tue, 01 Jul 2014 10:37:16 GMT

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There is a ton of good reading info online in regards to building your own crossover and parts express has all of the needed items.
