Subject: making custom cabinets
Posted by James on Tue, 06 Jun 2006 21:21:41 GMT
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Hello! I have been making project speaker cabinets for a few years now, and I have decided to start doing small time sound reinforcement for local bands. I can make a decent sounding speaker and enjoy doing so. Do you guys think that it is worth it to build my own cabinets for my live sound gigs, or is it better to go with store-bought cabinets????

Subject: Re: making custom cabinets
Posted by Wayne Parham on Wed, 07 Jun 2006 00:01:39 GMT
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Making your own cabinets is kind of fun. You have the potential of doing a better job than commercial products. But I suppose you also take a risk of doing a worse job too. It all depends on how much time and effort you put into it; It's all about design, execution and quality of materials.

Subject: Another question for Wayne
Posted by James on Wed, 07 Jun 2006 13:43:35 GMT
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Hey Wayne, You're absolutely right!!! I do have the potential to make something better than the commercial product,at the same time, risking to do a worse job too. But I do make sure that cabinets are done right and that I ask as much advice from the experienced builders such as yourself. The cabinet I would like to make need to be versatile, where single cabinets are great for small to medium venues, and sevral cabinets stacked together can be used for larger venues. I decided on either a 3-way direct radiating system with a 15" for LF, 10" for Mf, and an eminence PSD2002 compression driver for Highs. The other design would be a dual 15" 2-way cabinet. I really like the sound of three way cabinets such as the 4628B's from JBL's cabaret series (Stuff that was out before I was even born). They sound smooth and dont blast people when you place them close to a crowd. We all know that a double 15" can throw out a whopping amount of bass, but can sound harsh when using a 2 inch throat compression driver for hi mids and hi's. In your opinion, what would you pick and why???

Subject: Re: Another question for Wayne
Posted by Wayne Parham on Wed, 07 Jun 2006 14:43:08 GMT

Subject: Re: making custom cabinets
Posted by Chris R on Thu, 08 Jun 2006 14:02:19 GMT
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James, for small time stuff you're probably OK either way. For jobs that have "riders", you may get disqualified if you don't have name brand equipment. Try reading the rec.audio.pro.live-sound news group archives. Tons of info, this subject included. Lots of flamewars too so you have to work around that.Chris

Subject: Re: Another question for Wayne
Posted by dB on Fri, 09 Jun 2006 07:58:51 GMT
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Hi,Do some number crunching also, in a spreadsheet like Excel, because the xover parts might cost as much as the price for a driver. This is much worse if you go 3 way and up. If you get the parts from Wayne you have one problem solved.The wood for the boxes, with out paint and handwork, can also vary from 1 to 10 fold depending of the quality. You end-up with one much better vue of the final price if you put it all together. Now I understand why the speakers from good factories come with bad xover parts.Regards