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Subject: Re: 12Pi is a 4 ohm speaker?

Posted by [dB](#) on Wed, 08 Jul 2009 08:16:00 GMT

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Wayne Parham wrote on Sat, 04 July 2009 12:35

As for panel fitment, we actually cut our on a CNC machine and use dados for every panel. This makes assembly a lot easier, and ensures a perfect fit. Our flat pack kits come this way too.

The plans we send out do not show dados for two reasons. One is to protect our investment in design time and CAD, CAM and CNC programming. We make flat pack kits available for those that want them. The other reason is if you're planning to cut out the parts yourself with a table saw and hand tools, you probably won't be cutting dados anyway.

If you buy flat pack kits from us, the plans aren't used as a cutting guide, only for identification of parts and where they go. If you want CNC cut parts, you should buy from us rather than trying to duplicate the CAD drawings and CNC programming. I've worked with outside shops that tried to do their own CAD and CNC from the non-dado plans, and they inevitably get some dimensions wrong somewhere. It becomes frustrating for both them and me.

Very good explanation from Wayne. I was bothering with that for years. Thanks. I would say that CNC programming can be ~1/2 the price of the parts for a small scale production (a pair or more). A lot of people don't know, when we talk about computers, they are used to go to a shop shelf and buy the CAD 'games'. So what is the worst part for Wayne and everybody (or better) is the turning point, when you can 'sell' the CAD/CAM drawings done and payed a few years back, not just (for) the initial prototype.

I would like to ask Wayne, about the LAB12s. Do they have foam surrounds, or was that changed already, for new versions.

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