
Subject: 2pi studio Cab question
Posted by [justphil](#) on Sun, 16 Jan 2011 16:07:34 GMT
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Can the cabs be rounded over without any loss? If so how much could/should I round over?

Is the hard cardboard used for the port slid into the 2" opening I am going to cut? If so what can be done to make it look nicer on the outside of the cab?

Is the port supposed to be supported in any way inside the cab?

Are the drivers supposed to be recessed?

Thanks for any and all info =) I got the cab put together and am going to start on the baffle soon.
Very excited =)

Subject: Re: 2pi studio Cab answer
Posted by [Wayne Parham](#) on Sun, 16 Jan 2011 16:38:39 GMT
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I like to recess the drivers because I think they look better that way. But they don't have to be offset. The difference is not significant acoustically.

Same thing with roundover. You can do it but it does not make an acoustically significant difference.

I should mention that there is some debate on the effects of loudspeaker cabinet edge diffraction. Been a debate for decades. To tell the truth, I used to always round the corners but stopped after a few years. There's some more information at the link below. I used to think it was worthwhile to round the cabinet edges but have since changed my mind. But it certainly doesn't hurt to do it. Edge Diffraction in Loudspeakers
About the port, you can do it any way you want as long as the overall length from entrance to exit is right. That said, I've always liked cutting the hole to match the O.D. of the cardboard tube and sliding it in the wood. This allows more surface area for the glue to hold the duct. Put veneer on afterwards so it covers the edge of the port. I usually pain the inside of the port black too.

Subject: Re: 2pi studio Cab question
Posted by [justphil](#) on Sun, 16 Jan 2011 17:26:29 GMT
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Thanks so much for all the info =)

Subject: Re: 2pi studio Cab question
Posted by [justphil](#) on Mon, 17 Jan 2011 14:18:34 GMT
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Can the entire cab be assembled before you get the drivers or is it best to wait?

Subject: Re: 2pi studio Cab question
Posted by [Wayne Parham](#) on Mon, 17 Jan 2011 15:29:48 GMT
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It's easy to size with the drivers in hand, but the dimensions are accurate enough you can build without them.
