
Subject: I wish I would have thought of this-- new PVC design

Posted by [lon](#) on Mon, 17 Apr 2006 17:57:37 GMT

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Originally seen in the gallery at Full Range Driver Forum and inspired by the Nautilus. The guy is whistling in the dark for what he wants to charge to make one. Looks like the whole assembly can be done for maybe \$20, less driver used. I've made long pipes with PVC but never took the next mental step to use lots of corner connectors to get the size down but keep the length. Only problem I had with mine for the RS 1197 was lack of soundstage. I felt that some sort of baffle is needed.

PVC Nautilus

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [radar](#) on Wed, 19 Apr 2006 10:43:06 GMT

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WOW!!!! REALLY COOL looking wonder how they sound? does anyone know how the fostex 108 sounds? I think it will cost a little more than \$20 bucks since one corner is \$12-15 bucks and it looks like more than one I have been considering a full ranger, maybe I will look into these.

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [kevin](#) on Wed, 19 Apr 2006 17:49:26 GMT

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I built with long pipes also, duh so simple why didn't I think of it also. I am going to go get some corners and try it I have some small drivers I can use. how much do you think the corners will run? \$20 for one or both? I look through the site, <http://tpluspod.com/rtl/fostex%20PVChorn.html> I want the nautilus

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [lon](#) on Wed, 19 Apr 2006 20:44:17 GMT

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Kevin, I sent a mail to the guy and asked for some measures. I can see some design potential for subwoofers as well. It's prob'ly worthwhile to float the idea over at DIY audio in the single driver forum too. They are real project maniacs. I'll give it a shot.

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [scottallen](#) on Sat, 22 Apr 2006 13:25:03 GMT

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Use flexible corrugated drain pipe. Nautilus is tapered; driver end big to small. It maybe closed at small end. Interior corrugation should help take out some highs. To make end smaller: melt with hot iron? or cut lengthwise and reduce? Put pipe the way you want, wrap with wire and coat with thin layer concrete. Whichever taper you want small to big, big to small. open or closed

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [lon](#) on Sat, 22 Apr 2006 17:16:31 GMT

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I have a bunch of the fittings from my last PVC speaker build so it's more a matter of recutting the straight sections. Using 4in PVC you can make a baffle out of a toilet flange. Plus the PVC is rigid-- it won't uncoil or lose shape once assembled. The builder and some of the crew at DIY Audio have taken up the discussion.

Nautilus discussion

Subject: Re: I wish I would have thought of this-- new PVC design

Posted by [William](#) on Fri, 26 May 2006 16:33:36 GMT

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neat!!
