
Subject: Corner sub and Center projects

Posted by [Chris R.](#) on Mon, 23 Jun 2003 01:03:26 GMT

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Hi Folks, I finally finished my center channel project, and wanted to post a few pictures of it, plus the corner sub that a couple of months old. The sub box is way under sized according to specs, but still works great. The center channel sounds surprisingly nice. Any questions? Fire away...
Center channel is 2 Fostex FE127E's and 1 KSN1038. Front view of center sub-woofer.
Top view of center sub-woofer. Business end of sub-woofer. misc. Eminence 15" woofer (eBay special) and PE 250W amp. View of part of the system. Two Pi is above sub.

Subject: Lookin' good!

Posted by [Wayne Parham](#) on Mon, 23 Jun 2003 03:01:00 GMT

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Thanks for posting the pics. I love to see great looking DIY projects come together.

Subject: Great looking cabinet work

Posted by [wunhuanglo](#) on Tue, 24 Jun 2003 08:17:32 GMT

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Are you a pro or just good?

Subject: Re: nice job

Posted by [Sam P.](#) on Tue, 24 Jun 2003 10:08:32 GMT

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Great looking systems! I like the wood grain and natural finish. Don't "sweat" the box parameters too much with a sub facing the wall AND a corner, back in the late 50's EV called the technique "phase loading" and it worked quite well up to about 300Hz., and was supposed to go an octave lower than conventional forward facing direct radiators! I use a single EV 15BWK facing a wall, driven by an LM1875 chip amp, even w/o bass boost stuff rattles all over the room during HT use:)Sam

Subject: Re: Great looking cabinet work
Posted by [Chris R](#) on Tue, 24 Jun 2003 12:14:08 GMT
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I'm lucky and good with a photo editor. :^) The beauty of flower res digital pictures is you can't see the flaws, but thanks! All the plywood is home depot specials, but the maple trim was a pricey piece I bought on impulse at the wood store. I'm glad I did. All this is a hobby for me. My wife thinks I'm nuts with the speakers, tolerates the WW tools. Chris

Subject: great work !
Posted by [jeff g](#) on Tue, 24 Jun 2003 20:17:49 GMT
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the sub and centre look great! I'm thinking of building an ht system with 2 pi towers. could you please provide some more details on construction and wiring (especially for the centre channel). also, do you think the fostex based centre would match with the 2 pis? thanks jeff g

Subject: Re: great work !
Posted by [Chris R](#) on Tue, 24 Jun 2003 20:49:37 GMT
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> I'm thinking of building an ht system with 2 pi towers. could you please provide some more details on construction and wiring (especially for the centre channel). For the sub, I used BoxPlot to get the size. PiAlign requested a 10cuft box. BoxPlot wanted something like 20cu ft. I picked 4cu ft because the response didn't get wrecked too badly (higher F3), and it fit the space. The box was a little tricky to get the angled cuts right. The back and the front aren't the same width, so the two pairs of side pieces are different also. Gluing and clamping was also interesting because of the angles. I glued one pair of sides at a time, not all at once. The center is a plain box. The internal size is quite a bit smaller than the outside would imply. It just has a couple of partitions to make it right. Again, I used BoxPlot to get the size and ports. The finish on both is layers of oil, and/or wipe on poly or shellac, and wax. > also, do you think the fostex based centre would match with the 2 pis? Playing stereo music in faked surround mode, the center sounds really nice. I do have 2 Pi's for left/right. It all seems to match well. I built a pair of speakers for the living room that are also Fostex. Those are FE207's in TQWT boxes along with a RS piezo. They sound nice too. Those were built first, so that's why I stayed with the Fostex. Chris
