
Subject: Re: Pete's Home Theater Build

Posted by [petew](#) on Thu, 31 Mar 2016 17:58:23 GMT

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I've been gathering up parts and supplies to build a pair of 7Pi corner horns and a 4Pi center channel for quite some time. I've finally cleared enough stuff off the "to do" list that I can get this project underway.

The speakers will be behind an AT screen and acoustically transparent screen wall, so I'm not getting fancy with the cabinets. I'm using good quality BC plywood from the big orange box. I'll apply duratex for a quick and easy finish that looks decent. I do plan to take the time to make the mid horns nice looking since they're much more complicated to build than the bass bins. If I ever want to use the 7Pi corner horns out in plain sight I can always build nice looking bass bins.

I made good progress on the bass bins for all three speakers today. All the wood is cut and the sides and tops are glued together. I've also fabricated the ports, and installed the 4pi port into its cabinet.

Here's a closeup of a couple of the compression drivers and the crossover PC boards.

Box construction is straightforward - dado joints, cleaned up with a flush trim bit. The baffles will be glued in place.

I'll run a roundover bit over all the edges and slather duratex on for finish. I used the same method on my 2Pi surrounds.

I have not ordered crossover parts yet (except for the PC boards). I'll do that soon.

File Attachments

1) [IMG_4699.jpg](#), downloaded 3300 times

- 2) [IMG_4701.jpg](#), downloaded 3201 times
 - 3) [IMG_4702.jpg](#), downloaded 3266 times
 - 4) [IMG_4703.jpg](#), downloaded 3211 times
 - 5) [null.jpg](#), downloaded 3136 times
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