
Subject: SevenPi Room Layout

Posted by [dheflin44](#) on Mon, 24 Jun 2013 13:06:04 GMT

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Hi Wayne,

Thanks for the 7PI plans. I didn't want to keep cluttering up the Helper Woofer thread with more 7PI stuff, so I started a new one.

Here's what I ended up with for the room layout with the 7PIs. I think the scale is pretty close.

As you can see the screen blockage is pretty minimal and should only affect the seats on the right side of the room. I am a little worried about the desk on the left side though. It's only about 4' from the corner and is nearly 2' deep. I don't know if it's a problem for high or low frequencies, but I could cover the side closest to the speaker with some thick cotton batting if it helps.

I looked at the crossover diagram, and it seems like a very simple and elegant design. I'm surprised there's not even a high-pass needed for the mid-horn. Does the 2226H on the 7PI need the zobel?

Another thing that's helping me lean towards the 7PI is an idea I posted a couple of months back for changing its physical appearance slightly. This doctored photo shows where filler wings would be added (in black) to the sides of the bass bin.

The wings would consist of a simple L-shaped wood frame wrapped in fabric. It would fill-in underneath the front of the mid-horn and also extend down the sides of the mid-horn until the first 45deg corner. This change probably makes the 7PI look more like an 8PI which some may not like, but I like a more conventional look which also helps with WAF.

Thanks,
Darrell

File Attachments

- 1) [Darrell_HT_room_layout.jpg](#), downloaded 4802 times
 - 2) [Cornerhorn_extension.jpg](#), downloaded 4684 times
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