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Subject: Re: Three 4Pi's in Basic Black for Home Theater Build Thread

Posted by [BigmouthinDC](#) on Fri, 06 Aug 2010 12:45:52 GMT

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Wayne, Design question of the day.

As I mentioned earlier I need to avoid any direct reflections back to the screen. The JM white R13 fiberglass I picked up for insulation will definitely reflect light at the back of the port. I've thought of 4 solutions.

- 1) Staple some black acoustically transparent fabric to the back of the port. I have some black GOM FR701 fabric on hand but could easily run and grab some Joannes speaker cover fabric
- 2) Use the same fabric and instead of stapling to the back of the port drape over the offending insulation leaving a gap between the port and the fabric. Since the side of the cabinet with the port is supposed to also get insulation this isn't going to be real easy as there will be two surfaces to cover.
- 3) Get out a spray can of black flat and put a light coat on the visible fiberglass
- 4) I have some Linacoustic duct liner which is one inch thick compressed fiberglass insulation with a black coating. I could cut a little pocket in the R13 and position behind the port.

My preference is #1 but I'm not sure whether or not even a little air movement resistance may affect the tuning.

Thanks for the assistance so far!

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