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Subject: Why 7pi? 7pi and listening room considerations  
Posted by [Psychoacoustic](#) on Thu, 19 Feb 2009 07:22:45 GMT  
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Background- wanted to try horns and so constructed DIY speakers using Selenium 220Ti on JBL PT-F95HF waveguide paired with Pioneer HPM-100 woofers. Quite satisfactory, though not life-changing sound. However, discovered CD and now prefer it to much-loved Yamaha NS-1000M. Wishing to pursue the interest in DIY CD designs brought me to PiSpeakers- the Pi7 appears from an amateur perspective to be 'all CD' (in comparison to (e.g.) Pi4). This is the logic for choosing the Pi7 as the 'next step' on a CD journey. Comments? Constructed a dedicated listening room 6m (20') X 3.8m (12.36') X 2.3m (7.64'). Any considerations with Pi7 and these dimensions? Is 12 ft too narrow to take advantage of the Pi7 CD design on the horizontal plane? One end of the room has built-in bass-traps and mid-high absorptions panels from Ethan Winer's design [www.ethanwiner.com/acoustics.html](http://www.ethanwiner.com/acoustics.html). As you can see in the photo, four bass traps (plain wood colour) meet in the corners (LH side wall partially obscured by curtain, RH back wall under C.D.s), with two absorbers (cotton covered) in the centre of the wall. Any issues with the Pi7 back-firing woofer and the bass traps of this design? Thanks.

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