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Subject: Re: 7pi vs 8pi

Posted by [johnnycamp5](#) on Wed, 10 Oct 2018 21:35:42 GMT

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Bringing up this old thread to ask a somewhat related question.

In consideration of saving space in the room,  
using a forward firing 2226h bass bin under the 7pi (or should I say, under a pi mid horn and tweeter horn) it looks like one could save approximately 8" of depth..... but.....

Has anyone tried this with their corner horns?-

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- 1- What does the bass bin of the 7pi bring, that a forward firing 2226 would not?
- 2- Is there acoustic loading on the bass driver of the 7pi...like the mid horn and cd horn above it?
- 3- If so, is there an increase in spl and a decrease in excursion/distortion as a result, like many other horn loaded designs?
- 4- Besides some (if any) directivity loss, how dramatic do you suppose this difference (direct radiator vs. rear firing (horn) would be?

If the answer to question #4 is "much less dynamic" (punch and drama), then I would consider the idea a non starter.

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