Subject: 2 pi/7 pi Hybrid
Posted by Spinjack on Mon, 09 May 2005 19:37:21 GMT
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Ok, so now I'm thinking that I might want to do some sort of hybrid setup using a 2 pi that sits on top of the base horn of the 7 pi. I saw the photos from the Tulsa show and the mid-horn is a bit too imposing. I seriously doubt I can slide it past the wife. Also, I wanted to incorporate adjustable directivity of the mid-range and high freq portions of the spectrum.So, my question: Can the 2 pi and 7 pi bass unit be seemlessly combined? If not, what modifications (other than crossover, thats the obvious change) need to be done to make for a good transition through the overlapping regions of the audible spectrum. Since the setup will be located directly in the corner, I was thinking that I'd want the 2 pi to roll off the bass a bit sooner than normal. Also, is there a different driver for the 2 pi that may be a better match to the Stage cornerhorn. Would the Delta 10 work in place of the Alpha 10? If not, what would be the best match for the Omega 15 and DX25 (assuming the Alpha isn't the best match)?I was going to build the 2 pi portion first and then build the bass units later, too spread out the cost. But, I'd like to build the crossover once, maybe with some build in configurability for pre and post 7 pi.

Subject: Re: 2 pi/7 pi Hybrid
Posted by Wayne Parham on Mon, 09 May 2005 21:16:57 GMT
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isn't as imposing as you might think, particularly since the system is in the corner.  That always seems to make a speaker much smaller than it really is, because it is out of the way.  I think your wife would fall in love with the looks of it if she saw it.The crossovers are similar, but the current version for the one with the midhorn is the best.  Every subsystem is optimized so that it takes full advantage of corner loading, and crossover is seamless at each point, using a minimum of components.

Subject: Re: 2 pi/7 pi Hybrid
Posted by Spinjack on Mon, 09 May 2005 21:25:00 GMT
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I definitely like the looks myself. What I originally intended to do was increase the width of the front panel to match the width of the midhorn and build the high freq horn such that it is in an enclosure that is also the same width. I was also going to build the midhorn/highhorn so that it can be rotated about 15 degrees left or right. I really like that you can't really see any drivers, so there

is no ugly grill needed to hide the drivers.

Subject: Re: 2 pi/7 pi Hybrid
Posted by Wayne Parham on Mon, 09 May 2005 21:38:21 GMT
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Subject: Re: 2 pi/7 pi Hybrid
Posted by Spinjack on Mon, 09 May 2005 21:49:41 GMT
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Actually, I was going to add triangular "wings" filled with sand. The enclosure volume would remain stock.

Subject: Re: 1 pi/7 pi Hybrid
Posted by GarMan on Tue, 10 May 2005 00:41:59 GMT
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If you're going to use a corner horn for the bass, the One PI's might be worth considering. They don't go as low as the 2 PI's, but in this case, they don't have to. They're also smaller too.Active crossover / bi-amp would be a very good option.

Subject: Re: 1 pi/7 pi Hybrid
Posted by Spinjack on Tue, 10 May 2005 15:12:18 GMT
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I've actually though about building an active equalizer of sorts to act as a room correction gizmo. Maybe it could be an equalizer/crossover. I thought the 2 pi would be the right fit since the 2 pi and the 7 pi both had 10" drivers. Also, I was hoping to create a lower cost solution, that could be bought/build in stages.