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Subject: Wayne, I proudly present my temporary four Pi Kappas!!!

Posted by [Adam](#) on Thu, 20 Dec 2001 16:00:31 GMT

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LOL!What I didn't have:-proper horn lenses for my compression drivers-money to purchase proper horn lenses for my compression drivers-wood to build my Kappa Pi's-no money as of yet to purchase wood for my Kappa Pi's-a working stereo in my room right nowWhat I did have:-card board-electrical tape-a spare PSD 2002 and Kappa 15LFA-an unused 15" box-assorted crossover parts-too much free timeConsidering it's cardboard, and it's not designed right, the thing sounds pretty good and, well, gets about as loud as it would with a normal lense on it! High frequencies are kinda scratchy, prolly from resonating cardboard? The compression driver needs some major padding down, but meh.... Anyway, just thought somebody would find it amusing. My real Pi's are on the way, no worries... =)Adam

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Subject: Re: Wayne, I proudly present my temporary four Pi Kappas!!!

Posted by [Garland](#) on Thu, 20 Dec 2001 17:39:01 GMT

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Adam, Good for you and more power to you for having the courage to post the photo. Seriously, I'm about ready to throw something together real quick as well; I've got the drivers, crossover components and a working stereo but no materials to make the cabinets. I have a load of apprehension concerning my wife's reaction when she sees the 9 cubic feet each of Theater 4 Pi's sitting in our living room in a few weeks. Happy Holidays to you! Garland

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Subject: Re: Wayne, I proudly present my temporary four Pi Kappas!!!

Posted by [Wayne Parham](#) on Thu, 20 Dec 2001 21:04:30 GMT

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That's a lot of fun! Your tweeter looks kind of cool, like a CD. I'm anxious to see your speakers when you get them done!

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Subject: Re: Wayne, I proudly present my temporary four Pi Kappas!!!  
Posted by [Adam](#) on Thu, 20 Dec 2001 21:28:27 GMT

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I noticed a funny scratching sound that is most evident when electric guitars are playing, I'm really concerned about it. The diaphragms of all four of my compression drivers have been removed since I got them for one reason or another. I'm worried that I didn't properly align the voice coil in the magnetic gap when I re-assembled them. They sound largely okay, but I'm worried about this fuzziness!!! Perhaps it is in fact just my cheapy cardboard horn. This funny little experiment was a bad reminder of the fact that I am not the most fond of these compression drivers... They're pretty good, but I find they just completely bite my ear off. This might be in the implimentation - the last speakers I built had insufficient padding on the tweeter to match with the woofer, resutling in a really bright speaker... Perhaps when I actaully get the proper network in place to tame these beasts, I'll be more happy. This time of year ain't the greatest for money... Christmas, various bills due... blah \*rips hair out\*Adam

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Subject: Re: Wayne, I proudly present my temporary four Pi Kappas!!!  
Posted by [Wayne Parham](#) on Thu, 20 Dec 2001 21:55:48 GMT

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Before you start second guessing your diaphragms, mount the drivers on a horn and add the right padding/compensation. The mockup you made is pretty cool, but it probably doesn't help the sound, especially without upper-frequency EQ.

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Subject: Re: Wayne, I proudly present my temporary four Pi Kappas!!!  
Posted by [Colin Fritzke](#) on Fri, 21 Dec 2001 07:06:27 GMT

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Garland said:"I have a load of apprehension concerning my wife's reaction when she sees the 9

cubic feet each of Theater 4 Pi's sitting in our living room in a few weeks."You may not want to "bang together" some quick boxes for your Theatre Four Pi's, especially if they aren't pretty. If your wife is at all like mine, once an image gets into her mind there's no changing it... seeing some big coffins in the livingroom might make her resistant to ANY future creations you want to put there, regardless of what they look like. Trust me, I know... I've tried it with some big black subwoofer boxes I built a few years ago. They now reside in my basement home-theatre room, banished forever from the livingroom. I just hope I can make the Premium Stage Four Pi's pretty enough to allow acceptance in the livingroom. She really doesn't know yet at this point what I'm building. I figure some nice cherry veneer with solid cherry or oak end-caps should help. And they won't be 9 cubic feet each either, just approximately 4.5 cubic feet each (and that's still pretty big compared to the Mission 731's they are replacing).Merry Christmas,ColinP.S. - What am I doing participating in a forum like this at 3am? Well, an on-call network analyst never sleeps!!

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