Subject: What I'm hearing from 3677s in place of Theatre 4???
Posted by BillEpstein on Thu, 08 Aug 2002 20:15:41 GMT
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As an experiment I put the JBL garage sale surrounds in the system in place of the 4's. Also am using the Outlaw receiver while I re-do the Paramours.Keep in mind that the 3677's have the 2226J woofers from the sale and Eminence 1.6 crossovers with C1 removed and the tweeter resistor/cap network. For those unfamiliar, the 3677 is a 4.5 cu ft dual port enclosure meant to hang from the sidewalls of Cinemas.The size is about the same as the Pro 4 and I'm not liking what I'm hearing.The bass, of course, is good but female vocals and upper register of piano sound tinny/transistory. No sparkle to the highs, piano doesn't sound like piano.Full orchestral is very congested/constricted. The receiver is better, way better than that with the Theatre 4's.I turned them around so they face the corners and play directly into the rolls of insulation I have in the corners. To simulate their performance as 7's.Gee. That sounds kinda muffled.This is scary. Is the 4Pi Pro really the same size box? Does the JBL not go as high as the Eminence Delta? why does the upper mids and highs sound so bad?

Subject: Re: What I'm hearing from 3677s in place of Theatre 4???
Posted by Wayne Parham on Thu, 08 Aug 2002 20:55:51 GMT
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You know, I like the Eminence Delta 15 - I like it a lot - But the JBL 2226 is a much more expensive part and incorporates flux stabilization too. Not that cost is always an indicator of quality, but you know what I mean. The 2226 is a lower-distortion driver.One thing about the Delta 15 is that it has more rising response than the 2226, so there is more midrange output. As a wideband driver, the Delta 15 really puts out the sound.

Subject: Re: What I'm hearing from 3677s in place of Theatre 4???
Posted by spkrman57 on Fri, 09 Aug 2002 10:12:24 GMT
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Hi Till E, I have put the 2226J in the 3677 cabinet also. I used high pass 1.6khz like you also. I kept the 2418 horn driver with 2373 horn and used R2 = 15 ohm and R1 = 30 ohm with .47 ufd for attenuation. I run this on Marantz receivers 2215B(my favorite so far) and 2216B. I am going to test the 2238B I picked up recently and try it also. I found speaker placement made all the difference in soundstage and mid-bass/bass response(my 12' X 16' X 8' ceiling living room) I try and elevate 3-5" off the ground, 8-12" from back wall forming the best case triangular listening position I can with furniture etc in the room. If you cannot elevate the speakers off the ground, at least tilt back the speakers just slightly(door stop can give variable tilt). If your 2226 is too high off

the ground, the sound will me slightly muddied in the mid-range. Too close to the wall, and it becomes very boomy(in my house at least). If you take the time to adjust these positional parameters, you will be rewarded with great sound. One last item, you will notice the porting of the 3677 is not same as 4 Pi-pro and removal of the foam from the ports is necessary. The porting issue is more for higher playing levels. I have amps in the 200 to 250 watt/chnl variety also, I have put them away because of the concern I have of losing my hearing. I have noticed that once you need more than 10 watts a channel in a home setting, you don't always hear the difference, but my ratshack meter tells me its time to turn it down. My room is to small to play above 106 db levels and the 2215B/2216B give me that at the listening level. I have also thought about making the ports larger to equal the "true" 4 Pi-pro specs, but depth of cabinet makes me worry I might screw up the cabinets and make them useless. (I am lousy carpenter). I was going through my collection of misc speaker boxes and such. I found some 15" 3-way cabinets I bought from MCM some years back that are 3.47 cu' internal that I want to use to make my 2226H/2418/2373 4 Pi-pro 8 ohm. The dimensions were withing 10 % of Waynes proper dimensions, and the added bracing I will add along with the proper port should make them right on the money. I do have one question for Wayne, could I make 2 ports instead of one so I could center my horn directly above the 2226???? For Till E, please let me know your results even if you do not agree with my thinking here. Thanks, Just my $.02 cents worth. Thanks, Ron

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Subject: Re: What I'm hearing from 3677s in place of Theatre 4???
Posted by BillEpstein on Fri, 09 Aug 2002 10:19:59 GMT
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Thanks for the tips, Ron. I haven't had time to move them around but I will and let you know.

Subject: Re: What I'm hearing from 3677s in place of Theatre 4???
Posted by spkrman57 on Fri, 09 Aug 2002 10:36:16 GMT
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Don't forget to remove the foam from the ports, they are just glued on the back. I took my ports out in my first pair only to find out it is best to leave them in and just rip the foam off. What amp are you running the 4 Pi's on, I think the older Marantz sounds better with that 16 ohm load than some 8 ohm loads I have tried on it. What I really like, is I can run the volume control up to 10:30 (position) which is before it starts heavy in Class "AB", get around 102 db (average) and run it all day long, and the Marantz does not get any warmer than if I had it at just loud enough to hear. It's nice to crank all day long and not stress the amp or speakers. Keep me informed on your progress. The 2226 is a hell of a driver, You won't get the bass extension of the Eminence, but the dynamics beat the hell out of the Eminence. Fast attack of mid-bass is killer and best attribut of 2226 to me. A good hard drum solo is what the 2226's will shine on. Okay, I used up my nickel.

Thanks, Ron

Subject: Re: What I'm hearing from 3677s in place of Theatre 4???
Posted by Wayne Parham on Fri, 09 Aug 2002 19:18:17 GMT
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Certainly, you can use two ports instead of one. I like to use a single port, but you can use two if you wish. Lots of people do it that way.
