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Subject: JBL Project pt 1

Posted by [GarMan](#) on Wed, 25 Aug 2004 18:18:47 GMT

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Sorry for the brief post, but just want to share with you photos of my JBL project that I started last weekend. Components are 2235 woofer, 2445 compression, with 2380 horns, crossed a 800Hz 2nd/3rd order. Box is 5.5 cubic ft, tuned to 30Hz. For my Theatre 3 PI project a couple of months ago, I was able to complete a pair of functioning cabinets in one day. Because of the increased complexity of this cabinet (tongue and groove and crazy bracing), I was no where near that pace. What I have after two days of work are panels prepped for both cabinets, one cabinet glued with front baffle clamped on, and not damping material. Although the cabinet has no damping material yet, it still sounds very very good. First thing you notice is the tremendous bass from these things. Very strong, well defined, but still integrated (don't stand out). On some material, I can hear the dishes rattle in the kitchen. The 2" compression is also very nice too. I'll post updates and more details on construction and listening impressions as the project progress. I've got some pretty cool ideas on how to dress these cabinets up. Gar.

2235/2445 Project

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Subject: Awesome!

Posted by [Magnus](#) on Wed, 25 Aug 2004 18:38:03 GMT

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Great looking cabs so far! Can't wait to see their final appearance! Are you going to use a supertweeter for the top octave?/Magnus

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Subject: Re: Definatly Maybe

Posted by [GarMan](#) on Wed, 25 Aug 2004 18:53:22 GMT

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I think a super tweeter will definately be one of those things I'll explore in the future. My plan is to stay with the two way and enjoy them for a while. One of the reasons I didn't build the compression into the same cabinet as the woofer is to give myself the flexible for future re-configurations, such as the super-tweeter and even a midrange horn. This will be my last speaker project for a very long time, but I think it'll serve as an excellent foundation to build on. Gar.

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Subject: Re: JBL Project pt 1

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Posted by [Wayne Parham](#) on Wed, 25 Aug 2004 19:10:57 GMT

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Great parts and nice configuration. I think you're going to love this speaker!Wayne

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Subject: Re: Definatly Maybe

Posted by [Mike.e](#) on Wed, 25 Aug 2004 23:38:00 GMT

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That has to be one of the more intricate examples of bracing :-)| like it!  
homepage

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Subject: JBL 2235 / 2445

Posted by [Ralph](#) on Thu, 26 Aug 2004 00:20:35 GMT

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Looks great and I am eager to know your impressions of the 2235 and 2445 in a two way speaker.Ralph

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Subject: Re: Definatly Maybe

Posted by [Magnus](#) on Thu, 26 Aug 2004 09:25:40 GMT

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That modular design indeed is very flexible and I am opting for pretty much the same thing for my next system. Have you considered powering the system active (i.e. bi-amped)? Besides from the usual benefits of bi-amping I find these kind of systems are particular suitable for bi-amping. That way you can get "the best of both worlds" (gotta get that new Van Halen best-of CD!) i.e. a powerful solid-state amp for clean controlled bottom end and a SET tube amp/ pure class A amp for the highs./Magnus

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Subject: Re: Definatly Maybe

Posted by [GarMan](#) on Thu, 26 Aug 2004 19:49:13 GMT

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I have a pretty good idea of what the speakers will look like in five year's time. 4-way, multi-amped (combination of tube and SS) and active (tube) crossover, just like you've described. But it'll be a long trip and I intend on taking my time and making frequent stops to smell the roses.Gar.

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Subject: Re: JBL Project pt 1  
Posted by [GarMan](#) on Thu, 26 Aug 2004 19:50:37 GMT  
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I already do, and I expect to love it even more after I stuff and seal it properly.

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Subject: The best system I have ever heard!  
Posted by [Magnus](#) on Thu, 26 Aug 2004 23:57:58 GMT  
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That would sure make a very good system awesome! Take your time, but make sure to post some pics when the cabs are finished!PS. I think you by now have set a new definition of a "properly braced" cabinet =). DSCheers/Magnus

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Subject: Green With Envy Here!  
Posted by [elektratic](#) on Fri, 27 Aug 2004 00:14:33 GMT  
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GarMan,Your work on both the Pi 3 and these latest speakers is incredible!

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