
Subject: Professional Four Questions

Posted by [xcortes](#) on Mon, 18 Sep 2006 18:40:21 GMT

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Hi.I'm new to this forum. I have been reading about your speakers and I would be interested in building/buying a set of Professional Fours for my Home theater. I have several questions, however:1. How would these speakers work for Home Theater Applications? I will be using 300B SET amps for the 5.0 channels. The main left and right and the center channel will be placed at about 5 meters and the surrounds maybe at two.2. How good or bad is their vertical dispersion?; ie, how important is to have them exactly at ear level?3. Can I buy kits for the five channels but without the woofers and deducting them for the price? That is because I live in Mexico and I can get the JBL woofers here without needing to bring them down which would make the project prohibitive. The rest of the kit could be shipped to CA and I would bring them down, including the HF drivers.4. Is the 2226 woofer the H (8 ohm version)?5. In an old post Wayne recommended JBL 2242's to build matching subwoofers with these speakers. I can get here 2241s but not 2242s. A simulation with this driver and a 340 liters box tuned to 30Hz gives me an F3 of 30Hz. Would this be a good driver for building the 0.1 channel and latter maybe augmenting subs for the main left and right speakers?6. Can I get the plans for them in advance to start working?Thanks a lot,xavier

Subject: Re: Professional Four Questions

Posted by [Wayne Parham](#) on Mon, 18 Sep 2006 19:35:58 GMT

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many tube amps, having a fairly flat impedance curve and good efficiency. I'll be happy to send

2226H (8 ohm) and a JBL 2426H or Eminence PSD2002-8 compression driver. The horn is a 90x40 radial design, and the design crosses over where the midwoofer matches horizontal directivity with the tweeter. Best listening area in the vertical is within the 40° pattern of the horn.

Much above or below this and upper midrange and treble will suffer.I'd be happy to sell you the kits minus the woofers, so if that will be helpful, we'll do it. You can also source the parts locally.The 2241 is an excellent woofer. They work well in a wide range of cabinets, from 4.0ft³ to 16.0ft³ tuned to 30Hz. for subwoofer use, I think 8.0ft³ to 16ft³ is best, and I've built plenty of them that were 10ft³ and they sounded great. So I'd definitely approve of your choice to use a 12.0ft³ box tuned to 30Hz.

Subject: Re: Professional Four Questions

Posted by [xcortes](#) on Mon, 18 Sep 2006 19:44:58 GMT

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sent you a message.thanks!

Subject: You've got mail!

Posted by [Wayne Parham](#) on Mon, 18 Sep 2006 21:46:51 GMT

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Subject: Port Question

Posted by [xcortes](#) on Wed, 20 Sep 2006 18:07:06 GMT

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What material do you recommend building the port tube of? The 3/4 " MDF I'll be building the speakers with or is it too thick?Thanks againxavier

Subject: Re: Port Question

Posted by [Wayne Parham](#) on Wed, 20 Sep 2006 19:30:40 GMT

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That's perfect.

Subject: thanks (nt)

Posted by [xcortes](#) on Wed, 20 Sep 2006 20:33:13 GMT

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nt

Subject: Re: thanks (nt)

Posted by [j.luis cruz](#) . on Thu, 21 Sep 2006 15:00:51 GMT

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Hey Xavier cuanto cuestan los bajos JBL 2241 . Yo vivo en Monterrey y aqui los encuentro muy caros podrias decirme cuanto y donde los consigues tu . gracias Luis Cruz Monterrey, Mexico ..ahh y Bienvenido al forum .

Subject: Re: thanks (nt)

Posted by [xcortes](#) on Thu, 21 Sep 2006 21:29:11 GMT

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Alrededor de 3,300 IVA incluido. Mejor precio que en los EU! Si entras a la pag de JBL Professional ahi te da los datos de Hermes Audio y ellos te mandan con distribuidores. Seguro tienen alguno en MTY.saludos
