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Subject: Re: Go Professional Series

Posted by [PPoli](#) on Tue, 23 Jan 2007 14:49:42 GMT

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I read a lot before posting a new questions, especially yours really well written "Speaker motors and passive crossover filters". But at the end some of my doubt hadn't been solved. I'm going to build, as you suggest, the Professional IV, with the tweeter pulled outside the woofer cabinet, with the idea of adding the mid horn soon. I'll put the woofer some higher to keep same distance from tweeter. The biggest doubt is, as I previously told, if using the JBL 2426 rather than the B&C DE250 or DE500. I understood the crossover filter remain the same for both JBL 2426 and Eminence 2002, even if I'm not sure after reading some audioasylum tread. Is it the same even for B&C drivers? B&C seem to keep (from official datasheet) a flatter response at higher octave, especially DE500, so probably they need a lower bypass capacitor for the attenuating resistance cell (C1 in your documentation), even if not at all. They seem to have the same level at crossover frequency. You said somewhere you were testing B&C compression drivers some months ago. Have you done it? Do you have a spice model for them? But, mainly, are they well sounding as JBL's? And is it worthwhile the cost difference? I know your point of view regarding JBL 2426 vs, Eminence 2002 but not compared with B&C. Please let me a couple of days more to collect the last ideas and I'll be ready to order you the components. The last question: can you suggest me the right dimensions (diameter and depth) for a circular vent (or two) for the Professional IV (maintaining the same volume)? Thank you

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