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Subject: Baffle mounting

Posted by [Wayne Parham](#) on Wed, 08 Jan 2003 03:49:24 GMT

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Hi Bill! You wrote:>> 1. Is it possible to make the 3.5X6.5X10 port a slot, instead?>> Say, 10WX3.5HX6.5D? Yes, that will work. You can change port shape slightly and expect it to act pretty similar to another having the same cross-section area and length.>> 2. I have 2 sets of 1.6k Eminence crossovers, one stock for the>> PSD-2002's and the other with the 10uF removed for the JBL>> 2226J/3677s combo. Do I have the parts I need to make an>> 800Hz X-over? No. You'll need to get parts to make an 800Hz crossover, because values for the 1600Hz filter are different.>> Is there a Pi schematic for an 800 Hz X-over? Yes, and I'll send it to you right now.>> Should I just get the Altec X-over on E-bay? It is an option, sure.>> 3. I saw somewhere that the Altec horns were designed to be in>> free air, not in the box. True? Is it okay to have it in a three-sided>> box as long as it's not the same box as the woofer? I'm thinking>> of the way LaScala's are built with the horn and crossover open>> to the back and separate from the bass reflex boss. Actually, most horns are improved by mounting on a baffle, because they are then radiating into halfspace instead of freespace. I think that the Altec's probably don't need baffle mounting, certainly not if crossed over high. That makes horn placement a matter of aesthetics, really. But I wouldn't hesitate to baffle mount or to put the horns in a cabinet. Take care! Wayne

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