Subject: One Pi with sub in one cabinet (ie: 3-way)
Posted by spkrman57 on Wed, 24 Jul 2002 11:53:08 GMT
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Wayne,  I will first admit you like 2-way systems (Yes, I love my 3677's w/2226 and 2418/2373-maybe like first cousin of your Pro 4 Pi). I have various speakers here and there in my house and was wondering about a 1 Pi with a 1st order low-pass on a 15" mated with a 1st order high pass on the Alpha 8. Actually, I was thinking 6 mh coil on Jbl 2205A and 47 ufd cap on the Alpha 8. (these values were picked as closest matching components I have in-house at moment and seemed to maybe mesh somewhere around  300 hz. The Alpha 8 and KSN-1038 would be housed in a sub-enclosure within the 2205's enclosure. I looked at your 4 Pi plans (1982w/2205-x1/2105-x2/KSN-1041-x2) and then it hit me, I liked the idea using the Alpha 8 instead of 2105(x2) and the KSN-1038 you use to match up the Pi 1 with could be used instead of KSN-1041(x2). I think this would be a great combination. The entire setup would be no larger than your orig 4 Pi (of 1982) being around 2 to 2 1/2 cubic '. Just my lone "Braincell" running loose again. But, seriously, I would love to hear comments on this. This would be cheaper to some folks than buying compression driver and horn, and crossover parts I think would be cheaper. You use 1.8 mh coil on JBL 2205A/H for psuedo (shave midrange only). You used a 3.6 mh coil on your (1982) 2205A/H for 1st order crossover. but you had both 2105's shunted with cap and resistor in series with each other through I think (off top of my head - memeory shortage here) 1 mh coil and 8 ufd cap. I really liked the piezo crossover (I think 18db/oct RC network). Could the Ist order solution I gave work with only coil on 15" and cap on 8" using natural rolloff for the rest???????Thanks for listening.  Capt Ron