Subject: something to try
Posted by Sam P. on Fri, 17 Jan 2003 17:26:57 GMT
View Forum Message <> Reply to Message

when you are bored is a series xover. The altecs can handle the shallow rolloff if you cross them at 1.6kHz., like Wayne does in the 4 Pi Pro. When I tried it with the jbl/altec systems, subjectively the clarity and dynamics were a hair better than with the 600 Hz. BW's I had previuosly used. Other web references will give you the benefits of series xovers (AND their pitfalls), but to do it only takes a single coil and cap per speaker. My 8 ohm values were a 0.8mH 14 ga. air coil and 12uF solen cap. Padded with resistors, sounded good.. The 4648a-8 acts like one BIG 8 ohm driver, run "pseudo-1st" and xover at 1.6kHz. like in the 4 Pi Pro, fed thru the coil. The HF is fed 1st order thru the cap. Not much to screw up the sound. The resistors present a nice even load to the HF portion of the series circuit. Sam