
Subject: FWIW, jbl uses this format at times
Posted by [Sam P.](#) on Thu, 04 Jul 2002 13:44:01 GMT
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and seems to cross the lower woofer around one octave lower than the upper one. Or at least, the lower woofer inductor values are about twice what is used for the upper one. For example, the model TR225 has crossovers specified of 750 and 1300 Hz. for the woofers. The lower woofer has a 1.5mH coil, the upper is fed via a 0.68mH coil. I would imagine with dual 2226H's, just use Wayne's specified 0.7mH for the upper woofer, and feed the lower woofer with 1.5mH or so. Oops, you are asking about Omega's, right? Normally a 1.0mH/10uF filter feeds the woofer in the 1.6k crossover. Try a 2.0mH (or larger) coil on the second woofer, don't know if that has to be a second order filter or not, probably so. Individual zobel's needed? Hey, the parts cost is adding up here:) In the JBL example, only 1st order LP filters are used, same as in Wayne's 4 Pi Pro with 2226's, a mere 0.7mH coil between the woofer v.c. and the amp. I'm pretty sure a doubling of the choke value for feeding the lower woofer with 2226's would work OK. Not sure about the level matching, but JBL claims the benefit is smoother response in the crossover region...Sam
