Subject: Re: Xover
Posted by Wayne Parham on Thu, 22 May 2003 09:11:33 GMT
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Well, yes. If you're going to expect the speakers to be flat when used with a single amplifier, then you're going to need a passive crossover and it is going to have to pad the midrange and tweeter down unless you can use a more efficient woofer subsystem to bring the bass up.But even when padding the tweeter and midrange horns, you still retain much of their benefits. The advantages of using horns extend to other things besides efficiency - You'll still have their reduced distortion and extended dynamic range.To pad the midrange down 8dB, I'd suggest that after the crossover, you should connect a 4 ohm resistor in series with the midrange and then 4 ohms in parallel across the midrange speaker terminals.