Subject: Re: CrossOver questions on 4 Pi
Posted by Wayne Parham on Thu, 04 Mar 2004 01:47:12 GMT
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The Zobel resistor will dissipate a lot of power if you put the juice to your speakers. See page 72

That's where it's doing its job. This is a range where there is usually a lot of energy in most material, so you don't want to be under-rated at 1kHz. But certainly R3 can be made smaller if you're running a low-power SET amp.Resist the temptation to omit the Zobel damper, even though its parts are large and relatively expensive. Without damping, the circuit would peak at 1kHz and cause the system to make sort of a hollow, nasal sound. I've heard systems described as "cardboardy" when a midwoofer is peaking around 1kHz because of the lack of proper damping.