Subject: Question for Wayne Re: Paramour Parafeed caps with Pi Theater 4's
Posted by Garland on Fri, 28 Mar 2003 10:48:11 GMT
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Hi Wayne, Since you are building Paramours I thought you would like to see this post from the Bottlehead forum. I was wondering if you would comment on the particulars of the issue relative to the Theater 4's specific impedance characteristics. I should mention that in my case, I have up-graded the iron in my 'Mours to larger Magnequest components so any recommendations for my set-up would differ from stock. However, it seems that the parafeed circuit is instrumental in gaining superior performance from these low powered SE amps. I can personally vouch for a significant improvement in all criteria of performance when I went from a 4uF cap to a 5.6uF. I plan on trying other sizes but as these caps have to be rated at least 600V it can get pretty expensive. So, it would be great to get your input on what's going on with the variables as described by Paul Joppa and possibly integrating the characteristics of the Pi speakers; esp. the Theater 4's if you don't mind.Thanks!Garland

Sizing Parafeed Caps per Loudspeaker Characteristics

Subject: Transformer/coupling (parafeed) cap resonance
Posted by Wayne Parham on Fri, 28 Mar 2003 18:24:03 GMT
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Hi Garland!I'd say that Paul is right on the money. He describes the resonance between the output transformer and the coupling capacitor - the parallel feed cap. And the larger the capacitor, the lower this frequency drops. The idea is to drop it well out of the passband, and this also lowers the cutoff point.Wayne