Subject: Sanity check on low pass filter?
Posted by wunhuanglo on Sun, 12 Sep 2004 22:16:04 GMT
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I want to implement a low pass filter to the balanced input of a sub amp. The amp's input impedence is 20K ohm.I'm proposing to put a 10K ohm resistor in the Signal+ path, and a 0.47 uf cap after the resistor from the signal+ to signal-. I expect to get a 6db /oct low pass filter with a corner frequency of about 35 Hz.Can anybody tell me if I'm in the ballpark?TIACharlie

Subject: Re: Sanity check on low pass filter?
Posted by Wayne Parham on Mon, 13 Sep 2004 01:14:54 GMT
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Hi Charlie,You're right on the money.  I'd probably double-check the amp's input impedance to be sure of what I was dealing with.  But your first-order filter has the right components for 35Hz.Wayne

Subject: Re: Sanity check - Thanks, Wayne
Posted by wunhuanglo on Mon, 13 Sep 2004 02:43:45 GMT
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I appreciate your help (as always)!