Subject: Re: Passive Line Level Compensation Network?
Posted by Wayne Parham on Wed, 03 Mar 2004 22:29:13 GMT
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Use Spice to analyze and model your R1/R2/C1 network to make the response curve shown below. Start off with values for R1, R2 and C1 having reactive impedance that is proportional to values in the low-impedance (speaker output level) crossover, but scale them 1000-times or so to more closely match the impedance of your preamp circuit. Then fine tune the values of R1, R2 and C1 until you obtain the response curve you want.Top octave compensation response curve