Subject: Reverse attenuation and HF comp. networks, active X-over
Posted by Chris R. on Tue, 21 May 2002 02:30:01 GMT
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Hi Wayne, I'm about 3/4 way done building an active crossover for bi-ampingthe 3677's I got from JBL. What I began thinking about is the HFcomp network. Since it ends up being a bypassed voltage divider,I was trying to figure out what resistor values to use for a givencompensation. If I need ~10dB of relative boost at 20KHz, startingabove say 12KHz, it seems I'd need a divider with 10dB attenuation,then bypassed for a 3dB point around where I want the boost tokick in. Two questions. Using 10K ohms as the series resistor,what value goes to ground? If I'm feeding the output to the highpass filter, does it need another op-amp buffer between the HF compand the HP filter?Thx, Chris