Subject: Active crossover settings
Posted by Wayne Parham on Mon, 30 Jun 2008 00:35:18 GMT
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Sounds good, Bill, keep us posted.I know how the passive crossover sounds, and I think you'll be impressed when you're done with it. But active crossovers have definite advantages too. The trick is dialing it in. The passive has already been optimized with Spice and WTPro. So if you implement an exact copy of it in an active crossover, the sound will be smoooooth. While you're trying different setups, try these settings: 3rd order Butterworth 1.3kHz low-pass for the woofer, 3rd order Butterworth 1.6kHz high-pass for the tweeter with 6dB/octave augmentation starting at 4kHz. Those settings should make your active crossover give very close to the same signals as the passive crossover does. You'll have the passive crossover's excellent on-axis and off-axis response, with the added benefits of reduced bandwidth on each amp from going active.