Subject: Re: Resistor attenuation
Posted by Wayne Parham on Sun, 11 Aug 2002 21:12:01 GMT
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Generally, speakers like this sound a little bass-shy in large rooms or outdoors. That's why subwoofers are often used. Indoors, they usually sound pretty balanced, although subwoofers are sometimes still employed to smooth room modes.My guess is that your room is pretty lively, either hardwood paneling or glass and not a lot of furniture. In that case, I would suggest just turning the treble down a notch, but you can also do that by modifying the crossover to attenuate the tweeter a little more. The schematic included in the plans show a chart of values for various levels of attenuation. The 10dB unit has R1=16, R2=16 and C1=0.47, the 12dB unit has R1=25, R2=16 and C1=0.47 and the 14dB unit has R1=30, R2=14 and C1=0.33uF. You could install the 12dB or 14dB values.