Subject: Compensation networks
Posted by Wayne Parham on Sun, 28 Jul 2002 19:12:33 GMT
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Some report feeling that bass sounds different when changes are made exclusively to treble or midrange performance, so this is really not surprising.What you did was to increase bypass capacitance from about 0.50uF to 0.65uF. This increases the amount of energy your speakers generate at the highest frequencies and lowers the frequency point where augmentation begins. This means what you've done brings up the midrange overtone range slightly, and keeps it up through the top octave.I suspect another thing you might find pleasant is to substitute a 12dB

The 10dB assembly is closest to being flat, and the 12dB assembly will dip the midrange a bit and bring up the top octave by contrast. So this goes a little in the other direction and you might try that and see how you like it too.