

---

Subject: Crossover Resistors

Posted by [Wayne Parham](#) on Thu, 13 Dec 2001 21:26:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Take a look at the crossover document. There's a section that shows the signal across each component. It was done with Spice, and shows a graph of the voltage across each part. If you aren't running a lot of power, you can use smaller crossover components, i.e. lower voltage caps and lower wattage resistors. I wouldn't use smaller conductor coils because that will raise DC resistance and change the characteristics of the speaker. But you can derate values if you don't plan to run as much power through them. I choose components that can safely handle a lot of power, so there isn't a problem even at high power levels. At low levels, these high-power components aren't being pressed hard at all.