

---

Subject: Re: "Pi Pad" implemented with series xover  
Posted by [Wayne Parham](#) on Tue, 12 Feb 2002 22:07:46 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Some people like having an L-Pad or other adjustable control on their loudspeakers. Personally, I don't like them, because they change the crossover and compensation network's electrical filter characteristics. I prefer the user who wishes tone control to use the tone control on their preamps instead. If you look at the R1/R2 ratio, it controls the amount of peaking of the filter formed by the tweeter, its compensation circuit and the crossover. Play with these values using Spice and you'll see what I mean about affecting filter Q by changing these values.