

---

Subject: "Pi Pad" implemented with series xover  
Posted by [Sam P.](#) on Tue, 12 Feb 2002 20:02:44 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

I decided to try using Wayne's 12 dB "Pi Pad" instead of my adjustable lpads in a system using a series xover at 1200 Hz. Since the knobs were set to -12 dB w/ the spl, I figured installing the fixed 12 dB would work too. Sound from left to right stayed balanced (only did left side), so that part was cool. I'll play w/ comp caps once I get the other side done. Since I just can't leave well enough alone...EUREKA...I had built the network using all 8 ohm resistors...three in series for R1=24 (ok, 25 would have been nice), and two in series for R2=16 ohms. All parts were rat shack 20W 8 ohm non-inductive (PE p/n 271-120). NORMAL/BRIGHT switch COULD be used to short out one of the three that make up R1, giving 16 ohms, I.E. we now have a -10 dB "Pi pad" profile instead of -12 dB...HF output goes up +2 dB in the bright position. Alternatively, users with 10 dB pads who feel their setup is a bit bright might want the option of a NORMAL/SOFT switch, good for late night listening, better tonal balance? Toning down that occasional shrill CD? Wayne, now tell me the down side...or is this what Replay, Till, or somebody was asking about a few weeks ago? Sam