
Subject: Attenuating B & C DE250 on Pi horn
Posted by [turnitdown](#) on Sun, 05 Jul 2015 20:01:07 GMT

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I finished my 4Pi system this past week and I am very impressed and happy. What a great combo the 2226H and DE250 on your horn make. I have JBL 2235s mounted in exact copies of the B380 and an exact copy of the 4430 LF portion of the crossover. Before I closed up the last 4Pi, I separated the traces on the 4Pi crossover and used the 4Pi HF section with the 4430 LF section. The results were very pleasing, though the HF section is about 6dB hot for the less efficient 2235. If I were to build another 4Pi HF section, exactly what components would I change to accomplish a 6dB lowering of the level to match the LF section? I understand a standard 8ohm rotary L-pad is not satisfactory as it loads(?) the HF section and changes its characteristics. I only know enough to be dangerous, so please be specific. I have seen and understand your attenuation charts, BUT not when your R1 and R2 circuits involve a total of 8 resistors. Thank you for your fine work - and in advance for your answer.

Subject: Re: Attenuating B & C DE250 on Pi horn
Posted by [Wayne Parham](#) on Mon, 06 Jul 2015 14:01:34 GMT

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The attenuation chart gives the right values for R1/R2 at various levels while maintaining the right damping for the crossover. Just use series/parallel resistors to maintain the right values for each position.
