Subject: 6 Pi Crossover Questions
Posted by rkeman on Tue, 03 Jan 2012 16:13:20 GMT
View Forum Message <> Reply to Message

The 6 Pi crossover specifies L2 with the Eminence Delta 10A and states in a footnote that the tweeter polarity should then be reversed. Is it correct that the B&C DE250 would then be wired in normal polarity (positive to red and negative to black)? Also, is there a way to calculate an additional 2 or 3 db of attenuation to the midrange and tweeter circuits? Because the crossover will be mounted in a separate enclosure it would be easy to add DPDT switches for flat and attenuated tweeter and midrange networks. Thanks for any assistance that you may be able to provide.

Subject: Re: 6 Pi Crossover Questions
Posted by Wayne Parham on Tue, 03 Jan 2012 17:04:02 GMT
View Forum Message <> Reply to Message

Reversing tweeter polarity will "double swap" if using a DE250, so yes, red to positive in that case.

each. The specified values of R4/R5 (4/8) are set to attenuate 6dB. By shifting values to (5/5), you'll increase attenuation to 8.5dB.

For tweeter values, see the following chart:
Tweeter compensation component R1/R2 values