Subject: Need values for 4-pi x-over for 2226J (16 ohm)
Posted by spkrman57 on Sat, 16 Aug 2008 15:15:49 GMT
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Wayne, I can figure out the values for the LF circuit except for the zoebel cap value. I know I will use 15 ohm resistor, but what value does the zoebel change to since the zoebel is run on the "light side" compared to normal?I have most of the parts ready and will start building the crossovers after this weekend.I will have the LF sections and HF sections of the crossover separate from each other since they will be connected to the appropriate impedance taps of my McIntosh 240 amp!That way, there will be no loss of efficiency of the 16 ohm 2226 and the 8 ohm top end 902/650hz Edgarhorn.Regards, Ron

Subject: Re: Need values for 4-pi x-over for 2226J (16 ohm)
Posted by Wayne Parham on Sat, 16 Aug 2008 16:57:45 GMT
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If the load impedance doubles, the the coil sizes double and the cap sizes are halved. I realize you knew this already, but thought I'd mention it for other readers. So the values for a JBL 2226J

voltage. So you'll want to attenuate the tweeter by that amount to compensate.

Subject: Thanks Wayne!
Posted by spkrman57 on Sat, 16 Aug 2008 17:35:07 GMT
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attenuate the tweeter by that amount to compensate."Which is good for others to note. However I have 4 ohm, 8 ohm and 16 ohm taps on my MC-240 tube amp and can match the impedance to the appropriate taps for the HF and LF sections which results in no additional loss in efficiency.Thanks!Regards, Ron