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Subject: Impedance of Pi speakers using 1.6kHz crossover

Posted by [spkrman57](#) on Fri, 29 Nov 2002 13:07:04 GMT

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Wayne, In a previous discussion we had regarding JBL woofers and SET amps, you mentioned that the impedance of Pi speakers above 1.6kHz was approx 20 ohms (not counting Studio 1 and 2 systems with piezos). If I am using 16 ohm 2226J driver on the bottom end of 4 Pi-pro, (I am currently using basically stock Dynaco ST-70) and using the 8 ohm taps. The reason I ask, is the sound on my ST-70 is not as full-bodied as when I run the same speaker system on SET's my friends have brought over, and we have run the 8 ohm taps, I am wondering if maybe with the ST-70, I should use the 16 ohm taps. The really surprising thing to me, is that the SET's sounded fabulous, while the Dynaco just gets by, specially on the bottom end. I will change this when I get the chance and see what happens. I would like your opinion on this matter in the meantime. I have also found out that when I wanted to show someone what a Altec driver/horn sound like, I have disconnected the JBL driver in my 3677 cabinet and just connected up the crossover to the Altecs, even with the Altecs being 16 ohm, they just blew away the 2418 JBL driver on the high end, and did not need to change any crossover parts. Used 806A on 811B. I do know the 2418 JBL driver is cheap version of 2425 and it shows, all in all, the price is right and I use the JBL horns mainly for my solid waste systems, Altecs love tubes (and in my opinion, tubes love the 2226J model JBL woofers. Regards, Ron