Subject: An answer about speaker impedence ratings
Posted by Wayne Parham on Thu, 10 Jul 2003 14:39:03 GMT
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Advertised impedance is a sort of an averaged value. The impedance rating of loudspeakers is an approximate value, and is what you can usually expect in the midband of each subsystem. The crossover prevents each driver from loading the system except in its passband, so the system impedance curve looks much like the individual impedance curves of each of its drivers, connected by a transition region between each. To know overall system impedance as a function of frequency, you can either measure at several frequency points or you can model the loudspeaker circuit with Spice.