Subject: Re: obtaining driver parameters
Posted by Wayne Parham on Mon, 25 Aug 2003 19:06:43 GMT
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To measure woofer parameters, you'll use a sweep in the bass range. You'll measure the impedance at various frequencies, and that will indirectly tell you the electro-mechanical parameters. To find impedance, use a series resistor of 10 to 100 ohms. This forms a voltage divider with the speaker motor. You can measure voltage across the resistor and the motor and use these values to calculate current and impedance. You can also calculate power and phase angle if you are interested, but they aren't needed for finding compliance, resonance or Q.