Subject: Re: 2226j (16 ohm) usable? How about this approach, Wayne?
Posted by ohiogaucho on Mon, 28 Feb 2011 19:27:44 GMT
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Wayne Parham wrote on Sun, 27 February 2011 23:46
Yes, there was a JBL "tent sale" some years back where lots of people bought JBL 2226J woofers. They're good parts, and you can use them. But they aren't drop-in replacements and the design hasn't been tested with them. Most times, people just scaled the low-pass values and let it go at that.

These days many of us use dreadnought amplifiers with more power than we need.

A sufficient plenty of paralleled audio quality resistors, amounting to 16 ohms in parallel with the the 2226J, would match the voltage sensitivity of woofer to treble, at perhaps an inconsequential loss of 3 db in headroom. Mounting the resistors in the port draft could help cool them, maybe.

This approach would not work well for low powered SET amplifiers, but higher powered amplifiers would not mind, and might enjoy a more benign impedance curve.

Regards,
Bob