Subject: Four PI Thermionic & 1K6a012dB
Posted by John B. on Sun, 02 Dec 2001 20:51:23 GMT
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I have the four pi thermionic plans, and I've already started assembling the boxes - parts are and will be on order. I fully intend to build the four pi's, but would like my knowledge as complete as possible.To this end, I do, however, have a question.Using the spice tools and circuit models you provide; and other number crunching and plotting tools: No matter how I analyze and model the system I seem to predict a 3 or so octave wide notch in the response centered at about 2000Hz. Am I correct? The notch is apparently crossover generated, and I can't find any component of the system which compensates, or for which it compensates.I imagine this is probably a more complex issue than I am assuming - what with phase cancellations and so forth. But it bothers me :) and inquiring minds want to know.Thanks.