Subject: Listening results with Theater 4 variation
Posted by Lebob on Fri, 07 Oct 2005 03:15:39 GMT
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I just finished my Pi Theater 4 variation using the Eminence Deltalite 15" neodymium low frequency drivers and a pair of Altec 806/811b horns.I used the 800hz Pi crossovers with Zobel and tested the 6,9, and 12db attenuation points on the Altec Horns. In the large studio where I built them the 6db seemed correct but in my small home studio the 12 db attenuation was better. The 800hz crossover point seems to make changing the sound to match the room/system very easy. There are a lot of possible combinations using the padding and bypass. I am able to go from warm to detailed with most padding/bypass combinations being fairly well balanced. I tried the speakers with a few different tube amps and they worked well adjusting the placement and circuit a little for each amp. I used all oil and film motor run caps in the external crossovers which will get some selector switches later. I also tried some Solen Film caps and found the motor run caps to be more to my liking. I may also try a higher crossover point to hear the difference. I get the impression that the higher crossover points are favored for the bass-reflex Pi speakers.Overall I think these speakers are excellent. I got the warmth and detail with Altec horns that I wanted and decent well matched bass without building Jensen Imperials.Is experimentation with port length +/- 5-10hz going to mess anything up?Thanks, Orren