Subject: 3 Pi Modifications
Posted by rkeman on Sun, 04 Apr 2010 12:30:44 GMT
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Does the 3 Pi using the AE TD12S woofer perform well in a sealed cabinet? It looks good on paper with 2.6 cu ft. fully stuffed enclosure Bessel second order alignment (0.577 Q and f3 53Hz). The SBB4 vented alignment appears to have an f3 of about 43Hz and requires a 3.1 cu ft. box including the driver, horn, duct, and brace volumes. The cabinet would be lined on three sides with 1.5" open cell egg crate foam in the vented design and use a 4" flared port. Also, can Mills 15 and 12.5 ohm resistors and Jensen 15 ga P core inductors be substituted in the crossover? The latter have 400 watt ratings, +/-5% tolerance, and really low DCR. A 14 ga Erse air core on the 1.5 mH woofer coil is also a possibility, but has a higher DCR and costs twice as much. Thanks for your input.