Subject: Re: Pi designed bass for Oris horns?
Posted by JLM on Sat, 04 May 2002 15:57:22 GMT
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I think speakers (the only transducers left in the chain other than my ear drums) make a much bigger difference than amps. The Decware SET's are class A, but only a couple of watts (Steve Deckert goes on and on trying to explain why 1.8 watts RMS sound much louder than most would expect). They're reported to love 2 ohm loads versus 16 ohm loads, but I believe that they have limited low frequency capacity. That and needing more power is why I was thinking about a different amp for the bass units anyway.I'd like to limit the total size of the sound room to 23 ft by 15 ft by 8 ft (including any built in bass horn loading). I'd like a couch in front of my desk (that both are in the sweet spot) in the middle/back of the room. I'm also thinking about putting the back wall on a slight angle from square to break up standing waves. Padding/diffusion is assumed to be needed to be ideal, although books and music shelving would cover much of the room. No HT. I'm thinking that the Oris horns would be about 5 feet from the back wall and 3 feet from side walls. What do you think the cabinet design/locations should be? Building them into walls or floor would allow for 2x4 reinforcement ribs on some sides and concrete on the other sides.At what distance of driver separation does it become audible at 160 - 220 Hz? Perhaps the mouth could be located beside the Oris horns along the side walls or below them (acting as stands).