Subject: Re: Loth x BS 1's
Posted by Manualblock on Sat, 22 Jul 2006 21:41:06 GMT
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Thanks Bud for the info. I knew all about the 4k xover point but here's the rub. This speaker was designed by a guy who meant for this custom woofer he sourced to roll off naturally in order for the bulk of the response to be handled by that driver. The Tweeter has a cap only to prevent damage; it too is sourced to run full range. I guess the idea is to get the purity of tone you would expect from an SD while covering the higher frequencies with the tweeter. I can tell you that using the Carver amp it works and works well.This brings me to a little digression that I feel is a personal theory but one that seems to hold true for the last 30 yrs of audio.Loudspeaker design is a science but it is also an art. The art comes in when a designer uses his skills to provide a vision of how music should sound. It doesn't matter that the artist had a specific sound in mind because it is changed in the mix anyway. No speaker designer worth his salt should touch a loudspeaker unless he truely knows and loves music.Without that drive he will design with standard tools and methods that will produce a predictable result. That to me is where the engineer stops and the designer begins.As an example I would offer Spencer Hughes of Spendor fame. He is not only a technical wizard but he is also a muscician and music lover who was the head of recording at the BBC for some yrs. The Spendor speakers; SP 1/, SP 9/1, SP 1/2 etc are still the best loudspeakers available if you love music. Why? Who knows, he is able to produce loudspeakers that play classical music better than anyone else period.I personally like the big horns and use them for muyself because I love jazz and they do jazz better than anything else. But they can't touch the Spendors on classical music.My point is it is easy to build and alter speakers by the cookbook approach; but it is very very rare to build them intuitively to play music that good. So for me too assume I can improve the speaker by creating a cookbook xover seems impossible unless we are talking about a cheap speaker that can be improved with better parts. In this case the parts are very good and I would not see the value in buying really expensive parts to cut and try a new xover; especially since the speakers only cost 225$.Before I did that I would try assembling the new Dyna A 25's for 250$