Subject: Use it as a direct radiator
Posted by Wayne Parham on Fri, 05 Sep 2003 08:19:52 GMT
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The LABhorn comes on-line at 30Hz. Below that, its LAB12 woofers are direct radiators in a fancy box. If the goal is bass between 30Hz and 100Hz, then the LABhorn works well. But using it at frequencies below that is not wise, in my opinion. And it is physically large, which is not convenient for use in home. So to me, it makes no sense to use a LABhorn for home hifi or home theater.It would be much better to use a few smaller subs distributed in the room to smooth room modes. So my suggestion is to take the same pair of LAB12 drivers you might have put into a LABhorn and put them in 4.5ft3 cabinets port tuned to 20Hz. Overlap them with the woofers in your mains giving you four bass sound sources, distributed throughout the room. This will give you plenty of bass energy, and it will average the energy throughout the room in the modal region giving smooth bass response.