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Subject: Re: Pi tipping

Posted by [ToFo](#) on Tue, 20 Apr 2004 01:58:30 GMT

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I have tipped my T4's and eventually I decided to make a shim to go between the cabinet and the horn which adds just a few degrees of upward tilt. I like the look of these big monoliths sitting squarely on the floor, but there is a bar that we often sit at just a few feet from the speakers, so we were sitting where the top end coverage starts to fall off. I noticed the mids still sounded great at the bar, so I set the horn for my particular coverage needs. I split the difference. The horns now fire a bit above the sofa and a bit below the bar seated ear height. Note that by not tilting back the speaker my cancellation nulls are still where I want them give or take a bit for the thickness of the shim(nowhere your head would likely ever be anyway). With them tilted back sitting/laying on the floor was no go as the mids went to null city. Stereo plus floor seating means multiple people watching TV or movies in my house, and that is surely not the time for inaudible midrange(and thus speech). With the closer spacing of the smaller Pi's the null stuff is not nearly so critical,(but is surely a bummer if your sitting in the null), but put a monster cabinet in a smallish room and coverage/interraction nulls need to be considered because with so little area, people will end up sitting right where it sounds bad if you allow there be such a place. Raising them up can be great if you walk around, dance, cook, or have parties a lot. I set my room up so the areas where I sit are close to the speakers and areas where I am on stools or standing are at the other end of the room so speakers on the floor with a little angle up for the tweeter, or the whole cabinet will give great coverage for every person in the room. Theres my two pennies, Thomas

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