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Subject: PVC Pipe speaker update  
Posted by [lon](#) on Fri, 13 Feb 2004 06:48:30 GMT  
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After an experimental period... and a few more experiemnts to go, the config for making PVC pipe enclosures seems to sound best with a tee-fitting at the base facing forward. This will give more of a horn effect along the length of the tube. What didn't work was having the bottom of the tube open straight down through a base and into carpeting. The original Alpha TL specifies the line closed at one end and open at the other... and that's all. I find this hard to understand because most speaker setups will be on carpeting. My living room looks pretty weird right now: one pipe length is 73 inches not including the base, so the speaker and the elbow it's attached to are pretty close to the ceiling. Fortunately I have high ceilings. My friend with the golden ears and I are going to put on the organ recital from Pub Radio again tomorrow night. This gangly long length is just to see how low the pipe will go. I have its mate set up as a much shorter 50" overall length for comparison in listening. I lightly stuffed the long length. Tunes to test the long pipes include some Tangerine Dream, that organ recital from Minnesota Public radio called Pipe Dreams and some experimental music airchecked from radio from a group called Air Sculpture. I have not studied the Martin King site as yet, but once we get through the novelty phase of this, I want to cut them down to a height on a more human scale. I also acquired the T/S info for the calculations necessary using Martin's programs/sheets. At one point I know MK's program was going to be a sale only item. Needless to say I have not used it at this point. See the post below for the driver used with this and other startup info. Over at the full range driver forum one of the users was nice enough to send me some plans for additional builds featuring the 1197/FE103. These are not the ones shown at Madisound or Fostex. If there is interest send me a mail. [lon@athenet.net](mailto:lon@athenet.net)

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