Subject: Re: Consider Using Tube Enclosures for your Speakers.....
Posted by AudioFred on Sun, 20 Sep 2009 11:06:31 GMT
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Marlboro wrote on Sat, 19 September 2009 11:42This is an unusual design. The speaker community is not into unusual designs, as a rule. They like boxes, even unusual boxes.

Successfully marketing a high end speaker requires the designer to balance manufacturing costs against the need to visually differentiate one's product from all the others. The less expensive speakers are usually placed in a box because a box is easy (and cheap) to manufacture. As the retail price point increases it becomes more important to make a visual statement, because many consumer purchase decisions are made on the basis of physical apperance.

Cylindrical enclosures can have a stunning physical appearance, and as you mentioned they are far more rigid than a box, but building a line array with multiple cylinders is labor intensive, making it cost prohibitive for all but the most expensive products. At least one high end line array manufacturer agrees with you, and they charge enough for their line arrays to cover the higher manufacturing cost.

http://www.scaena.com/main.htm

Fortunately, those of us who DIY provide free labor, so we can do what works best even though the commerical builders are limited by cost constraints. Did you use 3" pvc pipe? How did you attach the drivers?