
Subject: Riddle me this, Batman
Posted by [lon](#) on Mon, 16 May 2005 04:50:17 GMT
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I just had to mention this. I've been beefing about the Tangband build I made in the whiskey box style design... the one that's apparently not available at ZaphAudio anymore. (Never fear, if you need it I have the drawing, I think.) Well today I tried something radical with them: I tipped them face up, took the backs off and let each one straddle that way on the little stands I have for them. Guess what? They sound great. No muddiness, good separation, maybe small tweaks needed to EQ but overall the best they ever sounded. So essentially I'm listening to the Tangband 871-S's on edge_. What gives?

Subject: Re: Riddle me this, Batman
Posted by [Manualblock](#) on Mon, 16 May 2005 19:33:13 GMT
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Allow me Lon; that's the oldest trick, pull the backs off of thrift shop speakers and they sound great. I would assume it has to do with internal standing waves mucking up the sound. Reflected energy. You probably have cleaner, quicker but less bass now. Almost a Dipole. Face up I would guess eliminates early reflections and acts to diffuse the sound; like those who face their speakers to the back wall when they have a problem room. It's all in the Pi Papers from the Pi Speaker site. Free download.

Subject: Re: Riddle me this, Batman
Posted by [lon](#) on Mon, 16 May 2005 20:23:48 GMT
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This takes me back to my first project when I got involved with the hobby. I had a pair of mini speakers (2 way) from a desktop Nakamichi receiver. My first full range speaker purchase was of the Fostex FE127e. The advice I got was to take the backs off the Nakamichi cabinets and install the Fostex. Funny thing was the Fostex fit like a glove and I ran them that way as computer speakers for some time. I now have the GM MLTL built for the Fostex. They are still in use and are still my best (and my most expensive) speaker pair. "The Brick" or the Fostex 'spiral horn' design looks like the best for compactness and good sound. Way better efficiency too on the Fostex line. What I am wondering is: How would one of those Hi-Vi or Fostex 3 inchers improve over the Tangband?
Fostex Spiral Horn design

Subject: Re: Riddle me this, Batman

Posted by [Manualblock](#) on Mon, 16 May 2005 20:42:28 GMT

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You need to use 3" drivers?
