Subject: Re: Audition in Austin
Posted by Wayne Parham on Sun, 01 Apr 2012 01:13:03 GMT
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It doesn't matter much what side the port is on, and I've run 'em both ways. In most of my speakers, it actually doesn't matter at all, but I like running the ports on the outside. Mostly, I think

than the ports be inboard on these.

The offset tweeter throws the forward lobe slightly at a diagonal. Centerline of the forward lobe is still straight out in front, but the outside edges of the forward lobe are +/-25° on an arc that passes through the woofer and tweeter centerline. So that makes the upper null slightly offset one way and the lower null slightly offset the other. If the tweeter is outboard, then so is the upper null. That is good for "aiming" the ceiling slap away from the listeners.

...This is such butterfly wings flapping minutia you shouldn't care either way. You definitely can't hear the difference. But if you're a perfectionist, then that's probably the best way to set 'em up. You can get out the slide rule and the LMS measurements system and satisfy yourself that this is the better way.