Subject: Klipschorn vs. Seven Pi with JBL drivers
Posted by Super_BQ on Fri, 23 Nov 2001 21:54:11 GMT
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Wayne, can you comment on posts I've seen on the Klipsch forum? (specifically taking a vented woofer and facing it into the corner). I mentioned about how the seven Pi speaker using JBL 2226 would out-perform Klipschorns.In what way is the Klipschorn that much different than Seven Pi speaker? Both have to be place in the corners of the room for them to sound right? Brendon

Subject: Re: Klipschorn vs. Seven Pi with JBL drivers
Posted by Wayne Parham on Sat, 24 Nov 2001 04:02:14 GMT
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Remember to consider the source. If you ask for an opinion on the Klipsch forum, I wouldn't be surprised to hear responses favorable to Klipsch. Same is true here.That said, I've always liked

re-evaluate the conditions, changing design parameters where I thought they were justified. I've also used much better drivers and concentrated on generating a uniform reverberent field. This makes even better use of the 90o radiating angle the corner, ensuring all sounds have this

use a folded basshorn. But even an eighth-space basshorn is pretty large, and folding it makes it complex to build. It has path length that causes a delay, so even when crossed over very low, there is no way to get summing right in the midrange. That was my biggest dillema - the 400Hz crossover of the Klipschorn is clearly too high, making vocals sound throaty because they pass through the labyrinthene passageways of the bass bin. Even if the crossover is shifted down an octave or two, there is still a considerable path length delay.I began to consider the fact that corner lift is 9dB, all by itself. Even without the horn, the bass bin becomes louder when placed in the corner. It's radiation angle is confined much the same way a horn does. There is no path length to delay the sound, so midbass/midrange integration is much better. And cabinet construction is simple. After considering all these things, I decided on the bass bin configuration