Subject: Pi 4 Plans
Posted by RJW on Fri, 24 May 2002 01:57:18 GMT
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Wayne,I would like to put a Edgar Horn on top or within a Pi3 or 4. What works better? I imagine the horn looks best on top. I suppose the Pi 4 has more kick in the bass. So many choices.My listening room is 12x24x8 and cluttered and I have a ASL ultra-linear PP with EL34's. I have DIY folded TQWPs with RS40-1354 drivers. They're directional, and not too bad. I was told that the setup is mismatched. I haven't tested this judgment out.At any rate I'm about ready to take on another project. May I look at the Pi4 plans?One more discovery; I was looking at the Eminence 10, 12 & 15 coax's and they can't beat your price, or the performance I imagine.Thanks, Ron

Subject: Re: Pi 4 Plans
Posted by Wayne Parham on Fri, 24 May 2002 03:48:20 GMT
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There are lots of different sizes and price points, so narrow down what you want a little more and I'd be happy to help you out.

Subject: Re: Pi 4 Theater Plans
Posted by RJW on Sat, 25 May 2002 01:49:38 GMT
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Wayne,I'll have more questions after I see the plans. The amp I have is a 40W/channel, I can put different tubes on it. It came with 6550's and that produces 50W/. I'm interested in the Pi4 Theater plans. I will look at the site more throughly.Cheers, Ron

Subject: You have mail!
Posted by Wayne Parham on Sat, 25 May 2002 02:55:11 GMT
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Subject: 4Pi Theater vs 4Pi Stage
Posted by Paul C. on Sat, 25 May 2002 15:38:11 GMT
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Wayne: I am attracted to the smaller size of the 4Pi Stage 15"... it's SAF (Spousal Approval Factor) is much higher due to the smaller size.But how does the 4Pi Stage 15 perform as compared to the much larger 4Pi Theater?Thanks for the plans!Paul

Subject: Re: 4Pi Theater vs 4Pi Stage
Posted by Wayne Parham on Sun, 26 May 2002 00:06:56 GMT
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Response is flat from (f3) 50Hz up, but has useful response to below 20Hz. It rises at 12dB/octave starting about 16Hz, so it can really go deep with room lift, and the slope is complementary.

Another characteristic of this loudspeaker is the midwoofer's narrowing directivity making

speaker is placed in a room corner, then the rest of the audio range is forced into approximately the same directivity pattern, and this equalizes response. Floor placement against a back wall comes close.

response. It is within 3dB (+/-1.5dB) from (f3) 50Hz clear up to the crossover point. The collapsing DI of the midwoofer nearly matches the tweeter at the crossover point, but it does not have rising response on-axis. This is because the midwoofer has falling power response that is roughly equal to its rising DI.

space, the bass will be over-emphasized. So when used in smaller rooms, this speaker sounds best a foot or two from room boundaries. It is best used radiating into half-space, maybe quarter-space but eighth-space is too much.