
Subject: coming from klipsch.....plan request!
Posted by [smokarz](#) on Sat, 04 Jun 2011 13:49:06 GMT
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hi all, coming from a klipsch background and got rid of all my klipsch speakers (RF3, KG5.2s, Cornwalls). while i love the cornwalls, they just have too much of a footprint and was difficult to integrate into an home theater setup.

i am now in the process of building a 2-way heresy clone (mr bob crites cs-1). before i heard of the pi speakers, i had looked at the ewaves and statement designs before settling on the 2-way heresy clones.

any one that listened to both klipsch and pi speakers (particular the 4 pi) offer some comments regarding the acoustic differences/similarities?

also, is there a sealed 4pi design? i also looked at another member's build where he used dual round ports instead of the rectangular port in the original design?

and finally, wayne may i have the 4pi plan? thanks

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Sat, 04 Jun 2011 13:56:05 GMT
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oh, another question.

how much power are folks feeding 4pi speakers?

i have an Emotiva UPA-7 125w that i used to drive my klipsch cornwalls. since they are highly efficient, i supposed the 4pi doesn't need much more juice than that to get to very loud level?

Subject: Re: coming from klipsch.....plan request!
Posted by [Wayne Parham](#) on Sat, 04 Jun 2011 14:46:56 GMT
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You've got mail!

SET amps to 600 watt prosound amps. I recommend at least 10 watts, but more than 100 watts for home hifi is overkill.

whitepaper below:
High-Fidelity Uniform-Directivity Loudspeakers

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Sat, 04 Jun 2011 14:49:43 GMT
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thanks wayne, i am building 4 15" sealed subs based on the MFW-15 driver. so i think i got the lfe covered in my smallish ht room (1900cf).

Subject: Re: coming from klipsch.....plan request!
Posted by [Wayne Parham](#) on Sat, 04 Jun 2011 14:51:00 GMT
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Excellent, setup properly, that will make an ideal system.

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Sat, 04 Jun 2011 15:35:22 GMT
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hi wayne, could you offer some insight into a sealed 4pi vs ported 4pi? i suppose i would be loosing some of the lower extension?

Subject: Re: coming from klipsch.....plan request!
Posted by [skywave-rider](#) on Sat, 04 Jun 2011 17:56:14 GMT
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I used to have Heresys and I use 4Pi s now with upgrade option drivers. No comparison. The Pi speaker is vastly superior. Less distortion, better frequency response, in any metric, it's much better.

The 4 Pi has narrower directivity due to the 15" woofer. If that is a concern for you consider the 12" woofer model, 3 Pi.

The Heresys radiate everywhere due to diffraction from the inset drivers, I assume. You want to take advantage of the controlled directivity the Pi speakers offer. I have not heard the Crites CS1.

That's my HOP.

smokarz wrote on Sat, 04 June 2011 08:49hi all, coming from a klipsch background and got rid of all my klipsch speakers (RF3, KG5.2s, Cornwalls). while i love the cornwalls, they just have too much of a footprint and was difficult to integrate into an home theater setup.

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Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Sat, 04 Jun 2011 19:00:43 GMT
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thanks rider,

from the several builders out there, the CS1 supposed to sound much better than the stock Heresy. bigger horn, better driver, etc.

i would still love to build a pair of 4pi for A/B comparison, and hopefully have a a trio of 4pi for the front stage and the CS1 for surrounds.

Subject: Re: coming from klipsch.....plan request!
Posted by [Bill Epstein](#) on Sun, 05 Jun 2011 00:21:37 GMT
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smokarz wrote on Sat, 04 June 2011 15:00 a trio of 4pi for the front stage and the CS1 for surrounds.

Oooh, I get chills thinking about a trio of 4Pis upfront in a Home Theatre. In addition to all the usual boom, snarl and sizzle, the dialogues gonna be sooo crystal clear!

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Wed, 08 Jun 2011 22:28:05 GMT
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is it just me or there is not panel cut sizes on the 4pi plan? do you just go off based on the external dimension given?

Subject: Re: coming from klipsch.....plan request!
Posted by [Wayne Parham](#) on Wed, 08 Jun 2011 23:38:59 GMT
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That's right, go by the external dimensions. It's fairly simple to build. After all, it's just a box.

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Tue, 21 Jun 2011 19:54:38 GMT
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hi wayne,

does the woofer cutouts the same regardless if i use Eminence or JBL driver?

i think i might go ahead and build the cabs now, and when funds become available, i can get the drivers.

thanks!

Subject: Re: coming from klipsch.....plan request!
Posted by [Wayne Parham](#) on Tue, 21 Jun 2011 20:45:02 GMT
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Yes, the upgrade woofer is a drop-in swap.

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Tue, 21 Jun 2011 21:18:46 GMT
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thanks!

Subject: Re: coming from klipsch.....plan request!
Posted by [smokarz](#) on Wed, 29 Jun 2011 14:32:11 GMT
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as my i am drawing out the cutsheets, it looks like i'll end up with an internal volume of 2.92cf.
wayne, is this about right?

thanks!

Subject: Re: coming from klipsch.....plan request!
Posted by [Wayne Parham](#) on Wed, 29 Jun 2011 18:08:21 GMT
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Yes, that's right.
