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Subject: Plans and question

Posted by [zerowaf](#) on Sun, 29 May 2011 13:47:05 GMT

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Hello!

I wonder do you still give away speaker plans for 7 Pi?

I you do, I'll be gratefull for e-mail!

Now the questions:

-My room is square 13,15 x 13,15 feet, and 8,2 feet high - all hard bricks and concrete with two full hard bricks corners available.

Not much furniture - just an couch, hifi rack and wall shelves.

Is that enough room for 7's?

-does plans include xover schematic and tweeter horn plans for diy modeling? I live in Croatia/Europe, and shiping + taxes are incredible, so if I ever will have Pi speaker that must be a clone.

Thank's for answers in advance!

Mladen

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Subject: Re: Plans and question

Posted by [Wayne Parham](#) on Sun, 29 May 2011 14:04:21 GMT

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You've got mail!

The room is fine for cornerhorns, but you'll definitely have strong room modes. Rigid walls like that are great structurally, but acoustically, they provide no damping at all. I would definitely add subs in the opposing corners, and if you really want the best and have time to do it, make some "false wall" damper panels. More information below:

High-Fidelity Uniform-Directivity Loudspeakers

Panel Bass Traps

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Subject: Re: Plans and question

Posted by [zerowaf](#) on Sun, 29 May 2011 21:18:21 GMT

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Thank you, mr Parham!

Right now I'm working my night shift, but first thing tomorrow (after strong coffee ) will be reading your links and speaker plan examine.

All the best 'till next pair of questions!

Mladen

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Subject: Re: Plans and question  
Posted by [zerowaf](#) on Mon, 30 May 2011 21:56:17 GMT  
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Was sniffing around forum to see cabinet material thicknes.  
Is it 5/8 of the inch? That would be 15,875 mm, I guess.  
Here we use metric system, so I must calculate plan drawings to make just the same openings  
and iner volumes in cabinets regardles to material thickness.  
Closest profile I can get is 18 mm/ cca. 0,7".

P.S. Wayne, your kit price is just amazing for everyone who lives on same continent.  
Can not imagine someone can buy separate parts elsewhere and make anny savings!  
Don't know how you manage that, but you must be an altruistic soul and doing this for love, not for  
living!

But I'll just need to go step by step trough my domestic vendors cause with my custom fee's my  
parlament would get one pair for free. I'm not so altruistic...

EDIT: Just look again on plans - it is 3/4" or 19,05mm. Again, closest here is 21 mm or 0,827".

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Subject: Re: Plans and question  
Posted by [Wayne Parham](#) on Tue, 31 May 2011 00:42:21 GMT  
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stamped on it. That has to be made somewhere on your side of the pond. It's high quality wood,  
strong and free of voids.

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Subject: Re: Plans and question  
Posted by [zerowaf](#) on Tue, 31 May 2011 02:49:15 GMT  
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I'm just at begining and did not explore all possibilities (I'm sure that is misspelled but hope you  
understand my pidgeon english ).  
So far I found 15, 18 and 21 mm, but that does not mean somewhere behind the corner I would

It's either ancient Greek lether or Cyrillic - if Greek that don't mean much 'cause it is comon to use  
ancient Greek letters, but if it is Cyrillic that should be Russian made ply. My side of pond!  
We'll see!  
So far got problems to understand port on bass enclosure. Think there must be some "labyrinth"

behind?

And should I make that ports in some mirrored fashion regarding left to right speaker. If so, does it matter if the opening port is on inner or outer side (meaning for instance left corner unit - should the port be closer to side wall or closer to middle of the room?)

If nothing else improvisation will be the cure - peeps raised behind iron curtain are born with "improvisation gene".

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Subject: Re: Plans and question

Posted by [Wayne Parham](#) on Tue, 31 May 2011 13:47:56 GMT

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The port is "L" shaped, starts by going straight back and then bends upward. As for the position of the port, yes, I do like to make them mirror imaged, but at the low frequencies where the port is active, it doesn't matter what side it is on.

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