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Subject: Jbl 2226h and 2447h  
Posted by [leimahmood](#) on Fri, 02 Jun 2023 02:32:19 GMT  
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Hey hope every one fine  
i have jbl 2226h and 2447h cd  
i m looking for plan that work well in home theater left roght speaker two way need cross over plan  
too thanks  
And do the pi4 plan work on these parts  
Here is the cd and horn pics  
<https://ibb.co/Hd3xmW0>  
<https://ibb.co/hDB4M6D>

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Subject: Re: Jbl 2226h and 2447h  
Posted by [Wayne Parham](#) on Fri, 02 Jun 2023 03:36:56 GMT  
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The 2226H is the right midwoofer but the 2447H isn't the right compression driver. It's a fine part, just not for this application.

You'll need a B&C DE250-8 or another compatible 1" exit driver with two-hole mounts.

You can sell the 2447 drivers to buy the DE250 drivers and you'll have money left over. It's a good deal, and it's worth it.

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Subject: Re: Jbl 2226h and 2447h  
Posted by [leimahmood](#) on Fri, 02 Jun 2023 08:35:53 GMT  
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i have a coral m100 cd to is it work here

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Subject: Re: Jbl 2226h and 2447h  
Posted by [Wayne Parham](#) on Fri, 02 Jun 2023 12:01:56 GMT  
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Sorry, no, it doesn't have two-hole mounting threads.

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Subject: Re: Jbl 2226h and 2447h

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Posted by [leimahmood](#) on Fri, 02 Jun 2023 14:40:19 GMT

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Ok i will sale jbl 2447 and buy B&C DE250-8  
And tell me which horn is good for this soni can also purchase horn too

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Subject: Re: Jbl 2226h and 2447h

Posted by [leimahmood](#) on Fri, 02 Jun 2023 14:57:43 GMT

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And kindly share 4pi speaker plan and do they work well in home theater as a LCR left right center listening position is around 17 feet max may be around 17 to 15 feet some where

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Subject: Re: Jbl 2226h and 2447h

Posted by [Wayne Parham](#) on Fri, 02 Jun 2023 15:53:24 GMT

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I've sent plans to your email address.

The horn you'll need is the Pi Speakers H290C waveguide/horn. It's the only part you can't buy locally because we're the only company that makes it. All the other parts you can purchase anywhere.

You don't have to buy our crossover board, but you are welcome to do that if you want. They are available fully assembled or just the raw PCB, if you want to assemble them yourself with your own components.

To keep your shipping costs low, I would recommend using a freight forwarder. They will provide a USA address, which you will then use in the Pi Speakers cart, by entering the address they give you. This will make your shipping costs much lower. Do a search on the internet to find out what freight-forwarding companies are available to you in your area.

As for setup, I suggest a fairly specific configuration. Toe-in the left and right mains 45 degrees and position them so their forward axes cross just in front of the listening position. So, for example, if the listening area is 8 feet back, then place the left and right mains 16 feet apart. Place flanking subs beside each of them, sitting just beside, behind and below. That's fairly easy to do with each main speaker on 12" to 15" stand. Sit each flanking sub on the floor beside and a little bit behind the main speaker it is flanking.

To learn more about flanking subs, do a search here on this forum or on the internet. You might also want to study the multisub concept, because that's useful too. The flanking sub approach is a type of multisub configuration, and should be considered a minimal setup. For best results, one or two additional distributed subs may be employed for a full multisub setup.

I like to make the L/R mains as mirror images, with the port inboard. The center channel can have

the port on either side, of it can be omitted for aesthetics. Do not omit the port on the L/R mains.

See the Pi Speakers FAQ and the document below for more information:

High-Fidelity Uniform-Directivity Loudspeakers

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Subject: Re: Jbl 2226h and 2447h  
Posted by [leimahmood](#) on Fri, 02 Jun 2023 19:23:50 GMT  
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i did not get the plans yet one my old email kindly sebt it in this one  
Mk5799howarang@gmail.com thanks

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Subject: Re: Jbl 2226h and 2447h  
Posted by [Wayne Parham](#) on Fri, 02 Jun 2023 19:34:10 GMT  
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You've got mail!

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Subject: Re: Jbl 2226h and 2447h  
Posted by [leimahmood](#) on Fri, 02 Jun 2023 19:45:57 GMT  
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Thank you sir  
is this pi4 is good for theater or i should select an other speaker

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Subject: Re: Jbl 2226h and 2447h  
Posted by [Wayne Parham](#) on Fri, 02 Jun 2023 19:57:48 GMT  
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It's great for high-quality home theater. It's powerful, accurate and articulate.

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Subject: Re: Jbl 2226h and 2447h  
Posted by [leimahmood](#) on Mon, 05 Jun 2023 01:45:40 GMT  
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What the tune of pi4 box 40hz ??

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Subject: Re: Jbl 2226h and 2447h

Posted by [Wayne Parham](#) on Mon, 05 Jun 2023 04:02:00 GMT

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Yes, close, 38Hz actually. And the positions of the driver, port and internal damping material are also optimized to minimize the effects of internal standing waves.

In a cabinet this size, that's very important. It's arguably more important than the Helmholtz frequency; It's at least as important.

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Subject: Re: Jbl 2226h and 2447h

Posted by [leimahmood](#) on Thu, 08 Jun 2023 00:38:36 GMT

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Cross over point between 2226h and b&c tweeter

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Subject: Re: Jbl 2226h and 2447h

Posted by [Wayne Parham](#) on Thu, 08 Jun 2023 01:00:46 GMT

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It's basically 1.2kHz, but more important is the slopes and phasing that sets the interaction between drivers to center the forward lobe.

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