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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, or 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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