
Subject: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Tue, 22 Aug 2017 23:00:19 GMT
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Hey every one
I have jbl 2226h pair want to make subwoofer one jbl 2226h in one box need best box dimension
have crown k2 power
My room is 13w 16l 8h
Thanks

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Wed, 23 Aug 2017 14:15:01 GMT
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Put them in a 10ft3 box tuned to 40Hz with plenty of duct area. An example would be two 6" diameter ports, each 5" long or four 4" diameter ports, each 5-1/2" long. Brace the cabinet well.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Thu, 24 Aug 2017 12:11:23 GMT
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Wayne Parham wrote on Wed, 23 August 2017 09:15
Put them in a 10ft3 box tuned to 40Hz with plenty of duct area. An example would be two 6" diameter ports, each 5" long or four 4" diameter ports, each 5-1/2" long. Brace the cabinet well.

2 2226h in one 10cubic feet box ??
Can u plzz tell me the 10cubic feet dimension in inches and how low it will go thanks

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Thu, 24 Aug 2017 14:16:39 GMT
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Yes, put a pair of 2226 drivers in a 10ft3 box. Dimensions aren't critical, provided it's a rectangular box with no single dimension extremely long. I'm not concerned about internal standing waves above 100Hz because it's a subwoofer, so you'll low-pass it.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Thu, 24 Aug 2017 17:23:15 GMT
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Want dual separate subwoofer
Read jbl pdf they recommended for a single 4 cubic feet tune to 40hz
On some internet search some are recommended 5 cubic
Feet i just want is musical

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Thu, 24 Aug 2017 19:52:01 GMT
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If you want a subwoofer cabinet for a single JBL 2226H, then make a 5ft3 box tuned to 40Hz.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Thu, 24 Aug 2017 20:11:37 GMT
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I m total noob with diy thing its my first diy sub
Can u plzz tell me 5cubic feet box dimension in inches whit ports in inches thank

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Thu, 24 Aug 2017 21:58:40 GMT
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Make the box 35" wide x 22" tall x 13" deep. Use two 4" diameter ports that are 5-1/2" long. Use 3/4" or 18mm Baltic Birch or MDF. Brace well using cross-braces (front-to-back and side-to-side) on each side of the woofer along the 35" dimension. The braces can be made using scrap cut from the panels.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Fri, 25 Aug 2017 09:45:36 GMT
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This box is tune to 30hz ??

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Fri, 25 Aug 2017 14:18:26 GMT
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40Hz.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Fri, 25 Aug 2017 16:16:48 GMT
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One last question

Jbl recomended 4 cubic feet box with tune to 40hz is there any advantage on 5 cubic feet box

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Fri, 25 Aug 2017 16:44:44 GMT
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More bass, about 3dB more at 40Hz.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Fri, 25 Aug 2017 16:48:44 GMT
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Wayne Parham wrote on Thu, 24 August 2017 16:58

Make the box 35" wide x 22" tall x 13" deep. Use two 4" diameter ports that are 5-1/2" long. Use 3/4" or 18mm Baltic Birch or MDF. Brace well using cross-braces (front-to-back and side-to-side) on each side of the woofer along the 35" dimension. The braces can be made using scrap cut from the panels.

If i select the box dimension

35 tall

22 wide

13 deep

Is it still fine

Dus to space in room

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Fri, 25 Aug 2017 17:10:56 GMT
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That's the same box dimensions I gave you. It doesn't matter how the box is oriented.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Fri, 25 Aug 2017 19:55:32 GMT
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Wayne Parham wrote on Thu, 24 August 2017 16:58
Make the box 35" wide x 22" tall x 13" deep. Use two 4" diameter ports that are 5-1/2" long. Use 3/4" or 18mm Baltic Birch or MDF. Brace well using cross-braces (front-to-back and side-to-side) on each side of the woofer along the 35" dimension. The braces can be made using scrap cut from the panels.

The dimension 35wx22tallx13deep is inner volume ??
And i also can use these dimensions too
30 wide
20 tall
20 deep
?? m i right

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Fri, 25 Aug 2017 22:52:20 GMT
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The (35" x 22" x 13") dimensions I gave you were inside dimensions. My dimensions create a box with 5.7ft³ internal volume. The additional size makes up for displacement from the parts inside.

Your (30" x 20" x 20") dimensions make a box with larger internal volume, 7ft³ to be precise. That 2ft³ is more than would be displaced by the parts.

You could go with (30" x 19" x 17"). That's pretty close to the volume of my original dimensions.

It doesn't have to be exact. Thermal changes at various power levels make more difference than a small volume or tuning change in the box. But still, try to keep it within +/- 10% of 5ft³.

Otherwise, you should modify the ports accordingly.

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Sat, 26 Aug 2017 10:17:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

Wayne Parham wrote on Fri, 25 August 2017 17:52

The (35" x 22" x 13") dimensions I gave you were inside dimensions. My dimensions create a box with 5.7ft³ internal volume. The additional size makes up for displacement from the parts inside.

Your (30" x 20" x 20") dimensions make a box with larger internal volume, 7ft³ to be precise. That 2ft³ is more than would be displaced by the parts.

You could go with (30" x 19" x 17"). That's pretty close to the volume of my original dimensions.

It doesn't have to be exact. Thermal changes at various power levels make more difference than a small volume or tuning change in the box. But still, try to keep it within +/- 10% of 5ft³. Otherwise, you should modify the ports accordingly.

Well here for port 3-1/2" and 4-1/2" pvc pipes are available can u plz tell me the port size in these sizes

Or i will make square shape with mdf wood thanks

I think square shape with mdf wood will be best

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [leimahmood](#) on Sat, 26 Aug 2017 10:53:15 GMT
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Well boxex are under working

W8ing for ports

Tell me in square shape so its easy we will make here

Or pvc pipe 3.1/2" is also laying around

File Attachments

1) [TMPDOODLE1503744838155.jpg](#), downloaded 1084 times

Subject: Re: Jbl 2226h pair for subwoofer
Posted by [Wayne Parham](#) on Sat, 26 Aug 2017 16:08:45 GMT

You can make two ports, each that are 3-1/2" square and 5-1/2" long. Dimensions are internal. Length is from the front of the baffle panel to the termination inside.
