
Subject: 4PI Plans Request

Posted by [Ziggin](#) on Sat, 23 May 2015 08:51:01 GMT

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Hi.

Plans request for 4PI speaker, please.

I have the JBL 2226 15" Woofer.

I'm choosing between the JBL and B&C driver. What is sonic difference between the DE250 and the JBL 2426?

Thanks

Per

Subject: Re: 4PI Plans Request

Posted by [Wayne Parham](#) on Sat, 23 May 2015 11:56:56 GMT

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Both the JBL 2426 and B&C DE250 drivers are nice and smooth. They're comparable in terms of sonic quality. The JBL is a little more laid back and doesn't quite reach as high but it's a great driver. We used them for many years prior to switching to the DE250.

Subject: Re: 4PI Plans Request

Posted by [Ziggin](#) on Sat, 23 May 2015 16:58:48 GMT

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Thank you for the plans.

Looks like it will be the DE250. The JBL driver is much more expensive here.

Can't find any recommendation for a suitable horn.

M7, M10, M15, M20 or M45. Thinking of buying the M45?

Subject: Re: 4PI Plans Request

Posted by [Wayne Parham](#) on Mon, 25 May 2015 14:15:28 GMT

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The design requires our H290C waveguide. No substitutions are suitable.

Subject: Re: 4PI Plans Request
Posted by [Rustydog](#) on Wed, 15 Nov 2017 06:40:49 GMT
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Wayne, I would be very grateful if you could send me a set of the 4PI plans. Many thanks.

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Thu, 16 Nov 2017 14:32:20 GMT
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Subject: Re: 4PI Plans Request
Posted by [Chas1980](#) on Wed, 20 Dec 2017 22:08:20 GMT
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Wayne,

I would be very grateful if you could send me a set of the 4PI plans.

Merry Christmas and Happy New Year!

Chas.

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Thu, 21 Dec 2017 14:36:34 GMT
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And Merry Christmas to you too!!!

Subject: Re: 4PI Plans Request
Posted by [acamilicko](#) on Mon, 25 Dec 2017 17:00:04 GMT
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Hi dear Wayne, Merry Christmas!
I have recently got one JBL2226, while waiting on one more considering what to build. These 4Pi look so cute! If I could get plans I would be very grateful.
Cheers!
Alex

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Mon, 25 Dec 2017 18:33:37 GMT
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Subject: Re: 4PI Plans Request
Posted by [booangler](#) on Sat, 06 Jan 2018 18:11:24 GMT
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Hi Wayne,

I know that I have asked for these plans once before but I am not able to locate them. Can you please provide me with the plans? Thank you

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sat, 06 Jan 2018 19:22:52 GMT
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Subject: Re: 4PI Plans Request
Posted by [Quaker](#) on Sat, 28 Apr 2018 22:25:44 GMT
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Plans Please

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sun, 29 Apr 2018 14:24:16 GMT
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Subject: Re: 4PI Plans Request
Posted by [Casmick](#) on Mon, 30 Apr 2018 13:42:17 GMT
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Could you send me the plans too? Thank you very much

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Mon, 30 Apr 2018 15:24:34 GMT
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Subject: Re: 4PI Plans Request
Posted by [MH Lumber](#) on Tue, 08 May 2018 22:02:29 GMT
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Wayne would you be so kind as to send me a set of the 4pi plans. I have never heard then before, but really enjoyed the limited time I spent with the 3PI at LSAF last weekend. My room is 16x24 with 9' ceilings. I plan on building my own cabinets but will be buying everything else from you.

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Tue, 08 May 2018 22:36:56 GMT
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Subject: Re: 4PI Plans Request
Posted by [MH Lumber](#) on Fri, 18 May 2018 14:27:04 GMT
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Hey Wayne,

Wondering if you have ever experimented with the BEYMA TPL-150H as the tweeter in the 4PI?

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Fri, 18 May 2018 15:17:09 GMT
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Our speaker is specifically designed to use our H290C waveguide, which uses an OSEC flare. This produces the smoothest wavefront launch possible, due to its seamless transition from plane wave to spherical section. That's what makes a waveguide special, and what sets it apart from traditional horns.

H290C Horn/Waveguide Information

Subject: Re: 4PI Plans Request
Posted by [jeffx](#) on Sun, 01 Jul 2018 12:47:50 GMT
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Wayne, please send me the plans for the Four Pi. Thanks!

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sun, 01 Jul 2018 16:21:26 GMT
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Subject: Re: 4PI Plans Request
Posted by [grimberg](#) on Fri, 10 Aug 2018 21:35:40 GMT
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May I have a copy of the 4Pi speaker plans?

Thanks

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sat, 11 Aug 2018 14:23:00 GMT
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Subject: Re: 4PI Plans Request
Posted by [mikeincalgary](#) on Wed, 19 Sep 2018 23:05:09 GMT
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Wayne, please send me the plans for the Four Pi. Thanks!

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Thu, 20 Sep 2018 14:13:29 GMT
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Subject: Re: 4PI Plans Request
Posted by [DavidM](#) on Sat, 17 Nov 2018 13:35:19 GMT
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Just bought two JBL 2226h from a guy. He had a couple of 4pi speakers playing in his living room and suggested that maybe that was something for me.

They sounded really nice and then I don't have to experiment with my own setup...

So, could I please ask for the plans for the 4pi?

Thanks a lot, looking forward to reading on this forum. :)

Best regards
David

Subject: Re: 4PI Plans Request

Posted by [Wayne Parham](#) on Sat, 17 Nov 2018 15:09:13 GMT

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Subject: Re: 4PI Plans Request

Posted by [kdlstrinu](#) on Sat, 22 Dec 2018 04:34:16 GMT

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Wayne, please send me the plans for the Four Pi. Thanks!

Subject: Re: 4PI Plans Request

Posted by [Wayne Parham](#) on Sat, 22 Dec 2018 16:16:08 GMT

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Subject: Re: 4PI Plans Request

Posted by [tomkristian](#) on Thu, 17 Jan 2019 20:44:01 GMT

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I would like the plans as well!

I have a pair of Denovo DE350, correct me if I'm wrong, but aren't these almost exactly the same as DE250 from B&C?

And where can I get the horn?

Subject: Re: 4PI Plans Request

Posted by [Wayne Parham](#) on Thu, 17 Jan 2019 21:22:27 GMT

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I have not measured the Denovo DE360, so I cannot say how well it will work in place of the B&C DE250. But I have read that it is a DE250 copy.

As for the H290C horn/waveguide, click the link below to get it:
H290C Horn/Waveguide

Subject: Re: 4PI Plans Request
Posted by [Damkel](#) on Tue, 19 Feb 2019 19:32:15 GMT
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Hi

Could I please ask for the plans.

I already have both JBL 2226h and B&C DE250 and have tried to make an active speaker both I have trouble with hisss sound from my Minidsp so I want to try something else.

Thank you very much :)
David

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Tue, 19 Feb 2019 22:00:44 GMT
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Subject: Re: 4PI Plans Request
Posted by [jheredia](#) on Sun, 31 Mar 2019 01:53:31 GMT
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Plans request for 4PI speaker, please.

I have the JBL 2226 15" woofer. I'm choosing between the JBL and B&C driver. Just wondering if an Eminence Alpha 15A will work? Thank you for any help.

James H.

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sun, 31 Mar 2019 15:59:59 GMT
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The JBL 2226H sounds very good in the four Pi cabinet. You cannot use the Eminence Alpha 15A because it has very different electro-mechanical specs. The design requires either the JBL 2226H or the Eminence Omega 15A. The JBL driver is the better of the two because it has a flux-stabilization ring to reduce distortion.

Subject: Re: 4PI Plans Request
Posted by [Luithien1](#) on Sat, 06 Apr 2019 22:28:53 GMT
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Might I please have the plans for the 4pi?
I have my JBL 2226s ready to go.

Thank you,
John

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sun, 07 Apr 2019 00:09:23 GMT
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Subject: Re: 4PI Plans Request
Posted by [Luithien1](#) on Sun, 07 Apr 2019 14:09:57 GMT
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Wayne,

I suspect I may be doing something wrong, but received your "You've got mail" notice, but without attachment.
Is there some trick to viewing the 4Pi plans I should know?

Thank you,
John
Luithien1

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Sun, 07 Apr 2019 15:36:58 GMT

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The plans were sent separately to your gmail account.

Subject: Re: 4PI Plans Request
Posted by [jtwrace](#) on Tue, 16 Apr 2019 13:44:41 GMT
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Can I get them too? 8o

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Tue, 16 Apr 2019 14:58:32 GMT
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Subject: Re: 4PI Plans Request
Posted by [Chris8h](#) on Sun, 02 Jun 2019 20:01:53 GMT
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Hi!
Kan you send meg the plans too?

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Mon, 03 Jun 2019 14:41:50 GMT
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Subject: Re: 4PI Plans Request
Posted by [daemonix](#) on Tue, 11 Jun 2019 17:24:47 GMT
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Hi, Can I please have the plans too?

I have 2 2226H and Im looking to build a pair of speakers ... WAF permitted :)
Cheers from London

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Tue, 11 Jun 2019 19:31:24 GMT
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Subject: Re: 4PI Plans Request
Posted by [dkalsi](#) on Mon, 01 Jul 2019 14:12:09 GMT
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Hi Wayne,

I'd like to request plans for Pi4 as well.

Thanks,
D

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Mon, 01 Jul 2019 15:40:27 GMT
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Subject: Re: 4PI Plans Request
Posted by [bigyank](#) on Mon, 01 Jul 2019 19:26:34 GMT
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Hi Wayne,

I'd like to request plans for Pi4 as well.

Thanks!!!

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Tue, 02 Jul 2019 00:53:10 GMT
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Subject: Re: 4PI Plans Request
Posted by [malyh](#) on Wed, 25 Sep 2019 09:38:36 GMT
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I'd appreciate your plans for JBL 2226h and B&C DE250. Thank you in advance, mh

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Wed, 25 Sep 2019 13:38:38 GMT
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Subject: Re: 4PI Plans Request
Posted by [malyh](#) on Thu, 26 Sep 2019 07:30:14 GMT
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Dear Wayne,

thank you for plans! I've just realized that my 2226 are 16 Ohm version (no H ones) Could the Pi 4 be done with them? Do you have by any chance a crossover for this "J" version of 2226?

Thank you, mh

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Thu, 26 Sep 2019 15:18:17 GMT
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Some people have reported using the 2226J in a modified design, but I have not seen measurements of such a speaker, nor have I made any measurements myself. So I don't know

how much of a change there is.

People that modify the crossover for a 2226J double the inductor values and half the capacitor values in the woofer circuit. They also attenuate the tweeter 3dB to match the voltage sensitivity of the 2226J. This is done by changing R1/R2 values as shown in the chart below:

Compensation Component Values

Subject: Re: 4PI Plans Request
Posted by [bigyank](#) on Thu, 26 Sep 2019 15:37:46 GMT
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One could always get those 2226J's reconed as 2226H and you'd be starting with brand new woofers for your brand new pair of 4 Pi speakers.

Subject: Re: 4PI Plans Request
Posted by [Wayne Parham](#) on Thu, 26 Sep 2019 16:10:16 GMT
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Absolutely.
