

---

Subject: 4PI plan with JBL 2227 & Altec 909-8A on 811B

Posted by [krazylek](#) on Wed, 01 Jul 2009 16:15:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello Wayne, could you send me the plans of the 4 PI ? Is there any modification to do if I use them with the horn outside the box ? And finally do you recommend a value for the (active) crossover cutoff for my speakers ?

Thank you !

Benoit

---

---

Subject: Re: 4PI plan with JBL 2227 & Altec 909-8A on 811B

Posted by [Wayne Parham](#) on Wed, 01 Jul 2009 19:19:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I own a pair of 811's and love them for nostalgia's sake. They sound nice on axis too. But I do not have any designs that use 811 horns. All my designs use either the H290 or my own wood horn. These are much shorter than the 811, and that's a very important consideration in crossover design. They also provide much more uniform directivity, so you'll probably want to build the speaker as designed.

---

---

Subject: Re: 4PI plan with JBL 2227 & Altec 909-8A on 811B

Posted by [krazylek](#) on Wed, 01 Jul 2009 20:26:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

If I don't use any mid/high speaker in the 4PI enclosure, the original design and measures are still correct ?

I would like to simply put my horns on top of the pi speaker, is it possible or should I use another cabinet design for the 2227 ?

Thank you

---

---

Subject: Re: 4PI plan with JBL 2227 & Altec 909-8A on 811B

Posted by [Wayne Parham](#) on Thu, 02 Jul 2009 05:11:02 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

You can use the 2227, but you can't use the 811. It's just too different and won't work with this design.

---