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Subject: Here are pics of my speaker....so far  
Posted by [djn](#) on Sat, 18 Oct 2008 18:14:07 GMT

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Hi All, here are pics of my Jensen Imperials with EV SP-15 woofer. I will but the riser off the top and replace the horns on top with the Pi midbass horn and the Pi tweeter horn, then adding the big Heil super tweeter on top of that. I am driving the woof with an Adcom GCA510 and the mid and tweet horns with a 300B amp, and the Heil with a Dynakit ST 70.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Norris Wilson](#) on Mon, 20 Oct 2008 03:49:06 GMT

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Hi djn,Your Imperial's look great, very clean. Is that a JBL waveguide setting on top the Imperial cabinets? Would you give me your impression of this horn with your compression driver that you are using? Also, would you include any impressions that you may have using the JBL waveguide with other compression drivers, if you have used it with others that is?I am curious of which cone woofer that you will be using with the Pi mid-horn?I have seen a post regarding this little 5" Faital midrange on another forum, the Faital Pro M5N12-80. The guy used it with a tractrix horn with an open backed chamber. It may work well up high above 400Hz or so, don't know. But, it has me curious as well.I was thinking maybe it could take the place of a 2" compression mid from about 700Hz or so, and up to around the 2k to 4k range, where another 1" compression driver / horn would take over.Just thinking out loud.But, this little 5" midrange may not have the radiating area to keep up with your 15" Jensen, again, thinking out loud.Keep us posted of your progress with the Pi mid-horn and tweeter?It sounds like it could make for a very interesting speaker.Norris  
<http://www.faitalpro.com/products/schede/ps.php?id=101010100>

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Subject: Re: Here are pics of my speaker....so far  
Posted by [djn](#) on Mon, 20 Oct 2008 07:56:52 GMT

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Hi Norris, myself and a bunch of others over on AK speaker forum are building up these JBL waveguides using Selenium D210T drivers. There is a great crossover already developed for the combo as well. I had those JBL guides on for just a couple days. Below is a picture of my ESS AMT 1C project using the waveguide and Selenium instead of the Heil. Today I disassembled the ESSs and have been refinishing the veneer repainting all the black parts, and redoing the old funky grills with black sheer.I thought the Pi midhorn was made to use the 10" Alfa driver. Wouldn't a 5" driver be too small for the horn throat? Cheers.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Norris Wilson](#) on Mon, 20 Oct 2008 13:54:19 GMT  
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Hi djn,"I thought the Pi midhorn was made to use the 10" Alfa driver. Wouldn't a 5" driver be too small for the horn throat?"I am not sure if the Pi mid-horn is specific to the Alpha 10".I believe that Wayne has used a JBL 10" driver with this horn as well.Possibly he will chime in here and fill us in on other driver options?About the 5" Faital driver, the guy who posted using it in the tractrix horn used it with a throat area that was round and close to the diameter of the driver. I honestly don't have a clue about the physical requirements to use such a driver. I just thought I would throw it out there as a possible alternative.For what it is worth, the guy who used the 5" Faital driver replaced an 8" B&C, claiming that it was as dynamic and could keep up with his system.Good luck with your project, and have fun.NW

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Wayne Parham](#) on Mon, 20 Oct 2008 16:24:21 GMT  
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The midhorn was designed to use the Eminence Delta 10 or JBL 2012. I also found the Alpha 10 works well in it.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [djn](#) on Mon, 20 Oct 2008 16:58:25 GMT  
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Hey Wayne, out of the three, which one is the best sounding?

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Wayne Parham](#) on Tue, 21 Oct 2008 05:25:05 GMT  
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The JBL version sounds more analytical, the Eminence ones are more warm. Of the two Eminence drivers, the Alpha is a little fuller but I think the Delta sounds more pure.My favorite combination is a JBL woofer in the bass bin, Eminence driver in the midhorn and B&C driver on the tweeter horn.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [djn](#) on Tue, 21 Oct 2008 18:14:47 GMT  
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Have you ever used the TAD 2001 on the tweet? I have a pair I can use indefinitely. Cheers.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Wayne Parham](#) on Tue, 21 Oct 2008 21:10:36 GMT  
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Yes, I've tried the TAD drivers. They're nice drivers. The crossover for the B&C DE250 works perfectly with the TAD 2001. Their impedance, voltage sensitivity and response are very similar. The TAD has a smidge greater extension.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [djn](#) on Wed, 22 Oct 2008 06:23:38 GMT  
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How would you compare the B&C to the TAD sound wise?

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Subject: Re: Here are pics of my speaker....so far  
Posted by [Wayne Parham](#) on Wed, 22 Oct 2008 16:14:58 GMT  
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The TAD has a little bit more sparkle, but it also sounds a little less smooth. I like them both, but I prefer the B&C.

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Subject: Re: Here are pics of my speaker....so far  
Posted by [djn](#) on Thu, 23 Oct 2008 06:19:53 GMT  
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Thanks Wayne. Maybe I can find someone around here with a pair of B&C for comparison. Cheers.

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