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Subject: Smallest Enclosure for DCA 55  
Posted by [JAYEM](#) on Tue, 06 Nov 2007 21:50:07 GMT  
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Can anyone advise me about the smallest possible enclosure into which a DCA 5.5 can be fitted and used ? Sealed , slotted or ported boxes are all acceptable. I am willing to give up bass extension and a degree of sensitivity-as you can imagine, the WAF is paramount. I have a good REL sub-bass speaker, so I can make up the bass. JAYEM

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Subject: Re: Smallest Enclosure for DCA 55  
Posted by [akhilesh](#) on Wed, 07 Nov 2007 04:36:20 GMT  
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YOU could do a small BR. But I'd recommend the PAWO for decent WAF and decent sound. See my link below for pics & dimensions. -akhilesh

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Subject: Re: Smallest Enclosure for DCA 55  
Posted by [JAYEM](#) on Wed, 07 Nov 2007 14:31:55 GMT  
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Thanks, The PAWO is certainly on my shortlist, but it seems to me that it is to be used to get a fair amount of bass extension from a smallish enclosure. I understand that the Jordan 92 can be used in sealed, ported, Mass Loaded and T/L enclosures. Can the DCA 5.5's also be used likewise, or is it just the sound quality that they share with the Jordans? I am not a tech-savvy person, so explanations will need to be simple. Thanks

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Subject: Ok: BAasic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [akhilesh](#) on Wed, 07 Nov 2007 16:47:37 GMT  
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Detailed instructions on a Bass Reflex box for dca 5.5 driver: Buy baltic birch (0.75 inches thickness from a local wood store or home depot ) and paste two sheets together, so the thickness is 1.5". Your cabinet maker/carpenter who build the box can easily do this. Then build (or get built) a box, 18 in wide, 18 in high and 12 in deep. make a round hole in the box, near the bottom, 1.5 inches in diameter. Leave the hole as is, but make sure it's round! No port pipes needed. Stain the box as you like and seal the stain. Mount the driver nearer the top of the box, but still somewhat in the middle of the box. Put the speaker terminals at the back (parts express

sells some good cheap ones). Make sure the box is well sealed (use caulk) and put some thin carpet on all sides on the inside. Put a deflex pad or something at the back of the driver , on the inner back wall. Put the speaker on the GROUND, facing slightly up, and listen to it sitting on a couch. This should get you bass down to about 40 hz and take care of the off axis requirement. Enjoy!-akhilesh

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [akhilesh](#) on Wed, 07 Nov 2007 16:49:48 GMT  
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The dimensions given above are for the OUTSIDE of the box, assuming 1.5" thickness (the inside will be about 1 cubic feet). -akhilesh

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [JAYEM](#) on Wed, 07 Nov 2007 20:47:02 GMT  
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Thanks a lot, AkileshI shall be making my cabinets in India.Baltic Birch is not available there.My choices are limited to:-1) Solid wood such as Padauk.2 ) Architectural Ply-very heavy and dense.3 ) Commercial ply which is light, cheap and probably full of voids.4 ) MDF ( Shock,horror)JAYEM

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [akhilesh](#) on Wed, 07 Nov 2007 22:37:39 GMT  
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Any reasonably dead sounding wood should work. -akhilesh

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [Eric Gonzales](#) on Wed, 07 Nov 2007 22:39:35 GMT  
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post some pics when you're done, jayem

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [JAYEM](#) on Wed, 07 Nov 2007 23:56:53 GMT  
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Thanks,I'll take it from hereJAYEM

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [JAYEM](#) on Wed, 07 Nov 2007 23:58:43 GMT  
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Will do,but you will have to wait a feww months till I get back to India and get my carpenter on to the jobJAYEM

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [akhilesh](#) on Thu, 08 Nov 2007 11:28:20 GMT  
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Ok jay. Do shhare your experiences after it is built!Akhilesh

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Subject: Re: Ok: BAsic BR box for DCA 5.5 (pretty detailed instructions)  
Posted by [DrD](#) on Thu, 15 Nov 2007 00:04:26 GMT  
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I would think the equivalent size pre made Parts Express cabinet tried first, sealed them perhaps ported would be great. If you can high pass the 5.5, and roll in your sub, I would doubt you could go wrong. Relieved of bass duty, there will thus be no IM dist. on the cone getting into the mids, so from this standpoint, it is ideal. Beyond this, the BIB with the 5.5l which is an outstanding DIA. choice for a wideband driver, ...does incredibly well. They can really slam hard, with some good current. The Pass amps would be good with these. Those are my favourite sand amp boat anchors. My top non tube choice would be the Red Wine Audio Signature stuff. The 5.5 do okay with 5 watts Push Pull as well. Very okay, very benign impedance modulus.

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