Subject: PI four enclosure
Posted by beto1 on Sun, 04 Sep 2005 20:51:35 GMT
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Hi,has anyone some building details plans or pictures for the Pi four pro enclosure building process(or some common speakers technique)?Regards,Beto

Subject: Enclosure Examples
Posted by GarMan on Mon, 12 Sep 2005 18:45:19 GMT
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Hi Beto,Here are a few examples from simpliest to more complex:PI Onehttp://pg.photos.yahoo.com/ph/lowgc/album?.dir=c310&.src=ph&store=&prodid=&.done=http%3a//pg.photos.yahoo.com/ph/lowgc/my_photosPI Threehttp://pg.photos.yahoo.com/ph/lowgc/album?.dir=c95b&.src=ph&store=&prodid=&.done=http%3a//pg.photos.yahoo.com/ph/lowgc/my_photosJBL Cabinethttp://pg.photos.yahoo.com/ph/lowgc/album?.dir=c1b7&.src=ph&store=&prodid=&.done=http%3a//pg.photos.yahoo.com/ph/lowgc/my_photosGarden Subhttp://pg.photos.yahoo.com/ph/lowgc/album?.dir=e3bc&.src=ph&store=&prodid=&.done=http%3a//pg.photos.yahoo.com/ph/lowgc/my_photosThe last one's an interesting build. An 1,150 cubic ft cabinet cleverly disguised as a shed. 3/4" panel braced every 16" with 2x4's, veneered with 1" thick bevelled pine siding. A peak-shaped top to minimize standing waves and isolated off the ground with six cinder blocks to reduce resonance. Roofing felt and asphalt shingles on top further dampens out vibrations. Porting is done through a ridge-top and soffit vents.Gar.

Subject: Re: Enclosure Examples
Posted by beto1 on Wed, 14 Sep 2005 02:00:58 GMT
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Hi Gar,Thank you very much, you have made a wonderful job and actually help me a lot. The following was my doubts before I read your post.The first thing, and the most important,(and was my fundamental doubt) that I can see is about the vertex union. You use wooden plugs & glue and is similar to my original idea, but I have never seen an speaker job. An alternative is with special bolts (the ones with a continius diameter; I don't know its name in english, with wooden plugs as a cover), but I think your way is the purist. I supose that you don't use nails or bolts.The second thing is about bracing, since I will use plywood and PI4 are small, I don't need to use too much of them, just a pair above and below the woofer.I will use 3/4" or 7/8" ("marine" was here the name for the one who has a treatment against moisture )The third is about how to insert the woofer in the front panel, in other words, the diminution in the front panel thickness to fit the external ring not in the same front plane.Thank you again.Regards,Beto