
Subject: "corner horns"

Posted by [Michaelz](#) on Tue, 19 Nov 2002 16:09:09 GMT

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Hi Wayne and everyone: Wayne was very kind to send me his 7Pi corner horn plan. But it looks too big for my bedroom. So I took his idea of corner horn and make the corner the front chamber of the horn and let the narrow space between the box and the walls and the floor be the horn throat: I already built two boxes (squared if looked at from outside when in use) with JBL 2245H, but I have not had the picture developed yet. I have not really played the "corner horns" yet, made some measurements in my room with RS meter and Stryke's Basszone Test CD's sine signals: HZ

DB10 78.512.5 7615 73.517.5 7720 7722 7825 79.528 8132 83.536 8540 8945 9350 8856 8063 8
071 7880 8289 95100 89.5112 86126 87142 86160 84201 90254 78320 67403 72507 64640 728
06 731015 671280 761612 802029 752560 543226 674064 51

Subject: Re: "corner horns"

Posted by [Wayne Parham](#) on Tue, 19 Nov 2002 17:17:28 GMT

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It looks like a cool idea! How much space between the walls and the woofer? Please post photos when you have a chance. Those 2245's are absolutely excellent in this arrangement, aren't they?!!

Subject: Re: "corner horns"

Posted by [Michaelz](#) on Tue, 19 Nov 2002 17:54:23 GMT

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It looks like a cool idea! Yes, it is a cool idea. Especially considering that how much wood and glue saved this way. How much space between the walls and the woofer? I have not put any thing there yet. With each side of the box being 2', the empty space between the woofer cone and the walls may be about 1.5 ~ 2 cube feet. Please post photos when you have a chance. I will scan the prints when they are done. They are really not anything special to look at, just some cubes from the listening position. Those 2245's are absolutely excellent in this arrangement, aren't they?!! What I did not expect is how low these woofers go. I thought I messed up the numbers below 25HZ and verified several times. Thanks again for the promotion of corner horn idea on your forum. Michael