Subject: A little subwoofer advice, please
Posted by BillEpstein on Thu, 29 Nov 2001 22:00:13 GMT
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Tried the Theatres as HT speakers over the holiday, they kicked some serious alien butt. Now the little Missions on stands look so forlorn next to the screen I want them to have a subwoofer playmate.I found a sub-woofer amp at MCM for $70, pretty good features and specs. Likewise Parts Express has a 10" woofer Ultimate WR1025cs shielded for $22.50. Previous posts seem to indicate 3.5 cu ft box kind of generic, yes? I tried looking at Boxplot and PiAlign but I get cramps when I see graphs and numbers. It was a freakin' miracle I figured out how to download 'em!So the woof has:fs 36Hzvas 1.89 cu ftqms 4.04qes .84qts .69xmax 2.6Anyone care to indulge me as to box and port dimensions? And would 2 woofs in one cabinet make sense? If so, does one just connect pos to pos, neg to neg like bi-wiring? or what?Thanking someone in advance .....

Subject: Re: A little subwoofer advice, please
Posted by steve f on Thu, 29 Nov 2001 23:45:50 GMT
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Just wanted to add my .02 worth. Take a look at adire audio's website. They offer some interesting reasonable cost drivers and kit plans too. www.adireaudio.com

Subject: Re: A little subwoofer advice, please
Posted by Wayne Parham on Fri, 30 Nov 2001 06:23:25 GMT
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That woofer has a bit higher Q than I'd like to see, but the boxes it works best in are 3 to 10 cubic feet, tuned to 20-25Hz. Another option is infinite baffle, perhaps mounted in the ceiling. You could put this woofer on a large open baffle, if you're interested in that sort of thing.

Subject: Re: Hey Wayne.... 10 cu. ft.?!!! I was inspired to try boxplot
Posted by BillEpstein on Fri, 30 Nov 2001 20:07:50 GMT
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Found a driver with 1/3 the qts figuring 1/3 the size. A 12" hd shielded on special for $69. One good driver instead of 2 cheapies.fs 28vas 3.99qms 11.07qes .33qts .32xmax 7.5mmBoxplot says 1.94 cu ft 22X9.6X15.5. with a 3X6 vent. That seems a reasonable size and the plot looks like flat from 25Hz up but I don't understand the 3 colored waves.Opinions?

Subject: Interpreting BoxPlot graphs
Posted by Wayne Parham on Fri, 30 Nov 2001 21:38:26 GMT
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There are three curves: Black is system response at 1W/1M, Green is power handling capacity and Red is maximum SPL at driver limits.