## Subject: A little subwoofer advice, please <br> Posted by BillEpstein on Thu, 29 Nov 2001 22:00:13 GMT <br> View Forum Message <> Reply to Message

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 36 Hzvas 1.89 cu ftqms 4.04 qes $.84 \mathrm{qts} .69 \times m a x 2.6$ Anyone 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 ......

[^0]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 View Forum Message <> Reply to Message

That woofer has a bit higher $Q$ than l'd like to see, but the boxes it works best in are 3 to 10 cubic feet, tuned to $20-25 \mathrm{~Hz}$. 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
View Forum Message <> Reply to Message
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 3.99 qms 11.07qes .33 qts .32 xmax 7.5 mmBoxplot says 1.94 cu ft 22 X 9.6 X 15.5 with a 3 X 6 vent. That seems a reasonable size and the plot looks like flat from 25 Hz 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
View Forum Message <> Reply to Message
There are three curves: Black is system response at 1W/1M, Green is power handling capacity and Red is maximum SPL at driver limits.


[^0]:    Subject: Re: A little subwoofer advice, please Posted by steve f on Thu, 29 Nov 2001 23:45:50 GMT View Forum Message <> Reply to Message

