Subject: Do the 4 Pi stage series need stands?
Posted by Russellc on Thu, 26 Jun 2003 23:20:32 GMT
View Forum Message <> Reply to Message

Wayne, I noticed that this version is only 26 inches high, does it require any sort of stand, or is it designed to sit on the floor? Thanks in advance, Russellc

Subject: Re: 4 Pi stage series placement
Posted by Wayne Parham on Fri, 27 Jun 2003 00:18:12 GMT
View Forum Message <> Reply to Message

Personally, I like them on the floor with little slanted risers that angle them up a bit. This keeps them low enough that floor bounce isn't a problem, and they're just about right for seated listening. But if there is anything in the way, obviously that won't work and so it would be good to put them up on something. If using a couple subs, this is fine though because the additional sound sources tends to smooth out the response anomalies from room modes and reflections in the bass/midbass range.

Subject: Re: Do the 4 Pi stage series need stands?
Posted by Bill Martinelli on Fri, 27 Jun 2003 00:20:19 GMT
View Forum Message <> Reply to Message

I'm going to jump in with my opinion. In my house I like the 4 pi pro/stage angled back a little or on a stand. At Replay's house they sound fantastic sitting on the floor. So what I really mean is they sound great either way. I think Wayne has some technical reasons they could be better one way or the other.Bill

Subject: Re: Do the 4 Pi stage series need stands?
Posted by Russellc on Fri, 27 Jun 2003 16:43:43 GMT
View Forum Message <> Reply to Message

Thanks for the reply Bill, it is really a tribute to the four Pi that one as horn savey as you are uses them, they must be a fine speaker, i am about to make a plan request! This 4 Pi, The 7pi and the 10 pi all can use the same driver, so I plan on building all three, or at least the 4 and 7 Pi. The ten

is really interesting, but not a whole lot smaller than the A7s I am currently using.
Thanks for the input, Russellc

Subject: Re: 4 Pi stage series placement
Posted by Russellc on Fri, 27 Jun 2003 16:47:16 GMT
View Forum Message <> Reply to Message

Thanks Wayne,How high should be considered maximum? Thanks again to all,
Russellc

Subject: Re: 4 Pi stage series placement
Posted by Wayne Parham on Fri, 27 Jun 2003 21:38:41 GMT
View Forum Message <> Reply to Message

subs. It's best to leave them within a few inches from the floor, angled back if desired.If you're

the floor bounce notch is within the subwoofer's bandwidth, so it will sum with the mains and smooth out the notch.To make best use of subs, you should carefully consider placement of the mains and the subs so the summing of each together forms the smoothest overall response. Also relevant is the bandwidth of the subs, because the can smooth the floor bounce notch from elevated mains only if the frequency of the notch is within the passband of the subs.In general, the closer the subs are to the mains, the higher in frequency they can be run. There are competing proiorities though, because best room mode averaging is provided by distributed subwoofers. You want to position the subs where they smooth room modes best, i.e. constructive nodes from one bass sound source should lie where destructive nodes from another bass sound source falls. So as you can see, there are a few variables to juggle when deciding the best positions and subwoofer bandwidth.

Subject: Re: 4 Pi stage series placement/plan request
Posted by Russellc on Fri, 27 Jun 2003 23:55:38 GMT
View Forum Message <> Reply to Message

Wayne,thanks for the speedy reply. Could I please get the 4 Pi plans (Stage)?
Thanks Wayne, Russellc

Subject: You've got mail!
Posted by Wayne Parham on Sat, 28 Jun 2003 04:25:19 GMT
View Forum Message <> Reply to Message

Subject: Re: You've got mail!
Posted by Russellc on Sun, 29 Jun 2003 11:35:08 GMT
View Forum Message <> Reply to Message

Thanks Wayne,I received your e-mail, I had forgotten about the hot mail problem. I have Emailed you an alternative address: cathouse7@sbcglobal.net. Sorry about that! Thanks Wayne,
Russellc