Subject: manualblock
Posted by Russellc on Mon, 27 Sep 2004 22:17:22 GMT
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In an earlier post below,(harshness and sibliance)you spoke of Wayne's floor treatment for wood floors. Where on the site is this info? Thanks in advance,
Russellc

Subject: Re: manualblock
Posted by Manualblock on Mon, 27 Sep 2004 23:26:20 GMT
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Sure Russell He had the whole scheme spelled out in the archives before he updated the foruum; you may have to go back 2 yrs. I can give very condensed overview which is basically he used a portable frequency response meter and tracked what resonances occurred under each section of the floor. Then he treated each section depending on what the readings were. If for some reason they are not on this archived board I know for a fact Wayne has it spelled out and I am sure he can provide the link. I would re-post what I did but it is probably best to get it from the source due to the fact that it is a long post. Biggest improvement if you have suspended floors, you will be amazed. J.R.

Subject: Raised hardwood floors and crawlspaces
Posted by Wayne Parham on Tue, 28 Sep 2004 02:35:03 GMT
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I think this is the one you are referring to:Solution for raised wood floors and crawlspacesThere are a few more posts on the subject that can be found using "wood floors" in the search tool.

Subject: Re: manualblock
Posted by Manualblock on Tue, 28 Sep 2004 06:10:37 GMT
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I see Wayne has replied and he instructed as to how to use the EQ to ameliorate floor resonances. I am not sure that is the post you seek however.What I did was First I sistered all the floor joists under the listening room. Then I purchased these sheets of high densisty acoustic foam. I stapled a sheet between each joist flush against the floor. Then I ran lateral stringers and mounted sheetrock on those. Every other joist I drilled a hole and pumped insulation into the

cavity. It sounds like a lot of work but you only need to do it under one room.My room is 16x14 so it amounted to about 15 2x4" 4 sheets sheetrock, 15 furring strips and some insulation blown in. Total about 150$; very much worth it! Suddenly, there was bass.

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Russellc on Tue, 28 Sep 2004 23:14:17 GMT
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Thanks guys, I think I have a handle on it now. The only remaining thing is something manualblock mentioned, "Sistering joists together", could you please explain this, do you mean connecting together in some fashion? Obviously, I have hardwood floors, but have not noticed bass problems. HOWEVER, most of the speaker systems I have do not go that low. Main main room system uses A-7 altec, which do not have a lot of low bass.(the rest have even less) I have plenty of room under the floor, as there is a basement... sort of... more like a celler, but with cement floors where the water heater and furnace are. Part of it is crawl space. It is awful "spidery" back there! Snakes, bats, lizards (including giant water snakes and 5 1/2 ft iguana lizards in costa rica) do not bother me in the least but I am flat horrified of spiders! (shutter)
Cheers, Russellc

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Manualblock on Wed, 29 Sep 2004 01:15:52 GMT
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Thanks Russell; 51/2 foot iguana lizards? I'm scheduled to holiday in Costa Rica around xmas, I'll keep a sharp eye for those maneaters!Sistering joists just means you attach a 2x6 joist side by side with the existing joist. There is a little trick to it, you have to knotch one end but there are plenty of framing books in the library that explain it. I actually used 2x4's they"re cheaper. Believe me you will notice a difference. Lots of bass energy leaks through the floor; more than you would expect. When I did it I had the Valencias in that room and noticed a real improvement. Sprung floors have lots of give that soaks up bass, this tightens them up. The acoustic insulation kicks up the absorbtion of fundamentals and the sheetrock adds mass. To me it was like buying a 4 fold better amp. Keep us posted, J.R. People who hear the Pi 4's in that room are amazed at the prodigious bass output.

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Russellc on Wed, 29 Sep 2004 17:30:51 GMT
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Ah! now this is really making sense, the floor isn't letting bass leak through, its flexing with the bass, robbing it of its impact that would otherwise exist in a Stiffer floored room. You will love costa rica, and you are going at the best time! everything blooms deluxe usually starting in november, every day is perfect and I mean perfect. No heat or A/C required. Rent a 4x4 (I used a toyota with diesel v8 that could climb walls. I pulled a few ticos out of the river with it...Thats right, some roads will just end at the river and pick up on the other side! You are going to love this trip. i intend to retire there or panama. The iguanas are not that scarey. I heard them coming around the house about the same time every day slowley rustling through the leaves, stopping to sun. thanks for everything and have fun! Russellc thanks for everything

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Subject: Re: Raised hardwood floors and crawlspaces
Posted by Manualblock on Thu, 30 Sep 2004 01:18:03 GMT
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Russell; saw some of your posts on the Altec foruum. Very informative,I hope you don't mind if I ask some questions in the near future, one of which is do you use the 515g in the A7's? Plenty more where that came from. Thanks much for the heads up on the iguanas. I get the Tico Times because I too have a plan for Costa Rica, providing the house prices slow down, jeez, what; they have doubled in 3 years! Thanks J.R.(Do you surf?)

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Russellc on Thu, 30 Sep 2004 11:25:41 GMT
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I have never surfed my self, have played with boogie boards and so forth, to surf has always been a dream for me, and I swear my next visit I may go solo for lesons. I need to now, as I am in my forties. I have both the 5158g, as well as a set of 416 8c. Difficult to say which I like better, I listen to one for a few months and think it is superior, then change my mind when I switch back. Right now I would give the edge to the 416 8c. It is usually a little less expensive, has slightly lower bass, and seems somewhat more transparent. Of course, the 416 8c is in there now! the 5158g seems to have a more powerful midrange. Either of these drivers is great in the A-7. As for reflex, the 416 is superior,(in my opinion) although the 515 88g is not that far off. The 515 8g was specifically designed for an application like the A-7, horn on front and reflex on back. Do you surf? I have loads of questions on that topic. Thanks, Russellc Russellc

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Subject: Re: Raised hardwood floors and crawlspaces

Posted by Manualblock on Thu, 30 Sep 2004 23:20:26 GMT
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Thanks for the info. I must say it is a surprise that you favor the 416, many favor the 515. Fine by me I like the 416 myself. Still checking on those plastic stabilizers on the 802's. I surf;at least I used to before kids. Still have my board, the thing is it's a shorty, only 6'6", good for cutting. However I am getting older and don't do much cutting so my board will go to my son who has basically coopted it anyway. I need to get a bigger board, maybe 8/9' due to old age issues, they are easier to ride. Nice conversations, lots of Altec stuff so I am thinking of building a Model 19 clone. Whaddya think?

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Russellc on Thu, 30 Sep 2004 23:52:04 GMT
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Very popular altec, the model 19. I would definately go with the 416for that one , as the woofer is straight bass reflex. I love the A-7,I have the later 828 cabs with the sealed flares. BUT.. they are gigantic! with that in mind I have collected a pair of JBL 2225h and a pair of jbl 2425h. With these, I can build a 4PI, much smaller at 28x18x15 or there abouts. Also,with these drivers could do the 7PI, and with addition of the midhorn, the 3way PI7. I am trying to find time to build the boxes, and just can't, so now I am looking for a cabinet builder in the Kansas City area. (Yes, I am fully aware that all our sports teams are sucking deluxe). How is a larger board easier for us older guys to surf on? Not doubting, just know nothing about surfing. The house where I stayed in Costa Rica was located at "Beaches of Nosora", very close to the ocean, and there were several boards there, seems like they were around 7 feet or so, and very "pointy" on the ends. Man, do I ever miss that place, I need to go back bad. If I hadn't had a house full of pets back home, I think I would have abandoned it and the practice of law and become a bum. I continually met people who had done precisely that. What a place!The day I left I was lamenting to some local expats who smiled and said, " that is not our problem" " It doesn't have to be yours" surfing in my mind, Russellc

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Manualblock on Fri, 01 Oct 2004 01:28:25 GMT
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Might run into one another over there! The short Pointy boards are more manueverable and quicker to respond. But they are more dufficult to control. The big boards are slower but easier to stay up. I agree, the JBL's are a big plus in terms of enclosure size. And of course the Pi 4's are great. It's a tough call. Too bad we can't have both.

Subject: Re: Raised hardwood floors and crawlspaces
Posted by Russellc on Fri, 01 Oct 2004 12:03:56 GMT
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Big boards and big speakers for me then! Pura vida, Russellc