

---

Subject: 2 Pi Towers and thwack

Posted by [Barryso](#) on Fri, 04 Jan 2019 17:21:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Had an interesting fix it session with the stereo. One of the channels wasn't working so there was a flurry of cable swaps to figure out which component was broken and the problem turned out to be in the preamp. A capacitor had come loose and soldering it back into position fixed it. Easy.

In the process of troubleshooting, though, the subs were turned off and the sub wires were removed. The 2 Pi Towers were moved from 15 or 20 inches away from the wall to right up against the wall. Their native environment.

Listening to the towers against the wall was enlightening. It's been while since they were in that spot and they do sound fine by themselves. They were delivering the dynamics that seems to have gotten lost with the subs turned on. And when you lose dynamics with subs that generally means there's too much sub.

Don't know why but I always figured the REL sub in the back of the room had a 24 db crossover, probably because most subs do. Searching the net for the actual slope didn't turn up anything specific but a mention on REL's site about having a gradual rather than a steep cutoff. That means the sub crossover has to go much lower.

Crossed the sub at a much lower frequency and it worked. The towers remain dynamic even with the REL on. Piano once again has the percussive quality that was missing when the crossover was too high.

The towers are once again thwack monsters. All thanks to a loose capacitor.

---