
Subject: Pi Studio 2, piezo shout, WAF and a first impression

Posted by [wlutke](#) on Wed, 24 Nov 2004 19:08:49 GMT

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

I've got my Pi twos up and running after a week of building/finishing/painting and another ten days waiting for the paint to fully cure. My first ever woodworking project - screwed, glued, sealed, sanded, primed and about four coats of paint. A can of primer and a can of topcoat for each. More on that later. At the primer stage I hooked one up to check out the sound. You see, I had searched here (literally) and there on the web and had come across the great shouting piezo debate. Hmmm. "Well", I think, "It sounds good at really low volume but anything more and it sounds unbearably hard". Like bad acoustics can do. My wife agreed. Oh well. Kept on and finished the project, with dark blue Hammerite brand rust preventative paint with powdered glass in it. That turned out really well. The Hammerite has a textured glossy finish that works well with the porous MDF, and the glass gives it a kind of inner glow. In the mean while I ordered some caps and resistors from Welborne to tame the shout. OK, the paint cures and in go the drivers, sans caps and resistors because they haven't arrived yet and I can't wait. What the heck, fire em up! What's this? The left speaker is weak sounding and lacks bass? I swap speakers etc. and the bottom line is... bad input connection at the amp! Maybe you all guessed by now that the left channel is what I had hooked up for the trial run earlier. So they are sounding just great now, no shout. In fact they are looking and sounding so good that my wife asked if we could keep them inside (I built them for some Bottlehead Paramours on order for the garage). They have speed, air, detail and plenty of surprisingly tight bass. The center image is well focused, somewhat laid back, and side to side there is an actual soundstage. Depth? Sort of. You can't have everything at about \$200 complete. Sweetness? Yes indeed. Treble? Not the smoothest on top where the cymbals live, and slightly forward, but certainly not annoying or intrusive. Pace and rhythm - you bet! Overall these speakers make the music fun and interesting. Now for the Paramours...