Subject: 8Pi build pics
Posted by owen kellog on Fri, 15 Aug 2014 00:56:58 GMT
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Howdy All:

Here's a pair of 8Pi's coming together. The exterior of the cabinets are made from solid variegated maple that started as 4/4 and 5/4 rough-sawn boards, and have been planed and run through a jointer, then glued-up into panels of the necessary size. Finished material thickness is a heavy 3/4". The mid-horns and interior cabinet pieces are made from the best 3/4" maple-veneered plywood we can source from regional vendors (plywoods aren't so great these days, but this particular one is better than most).

More to follow...

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Subject: Re: 8Pi build pics
Posted by owen kellog on Fri, 15 Aug 2014 01:19:41 GMT
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More photos- We're going with black lacquer on the midhorn to match the black of the tweeter, and as you can see, we made a design decision to take the cabinet all the way up, and avoid the smaller housing for the tweeter. The midhorns are actually oak veneer, in order to highlight the wood's bold grain with the black lacquer.

We've learned a lot from building this pair (and the mid-horns), and if we decide to build another set and double-up our '8's, we'll make changes to the build procedures in order to streamline the process and make it easier. In terms of workmanship and quality, these are going to be very good, but a follow-on pair could potentially be even better.
The cabinets and horns are simple, but they're not, if you know what I mean. More, higher-rez pictures will follow once we do final asembly and have them lacquered and ready to play. Wayne, we're contemplating using rock-wool insulation batt pieces instead of fiberglass- any thoughts? We can easily change it if we don't like it, but with rock-wool becoming available in north america in home centers, I prefer it to fiberglass for any job, even for damping in speakers. Thanks, Wayne, thanks, guys.

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Subject: Re: 8Pi build pics
Posted by Wayne Parham on Fri, 15 Aug 2014 05:23:46 GMT
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Very nice build! Thanks for sharing the pics with us.

As for the insulation, my suggestion is to stick with the fiberglass. It does exactly what we want.

Subject: Re: 8Pi build pics
Posted by JCDC on Mon, 18 Aug 2014 20:24:07 GMT
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Super F R E A K I N Awesome!

Can't wait to hear how the 8Pis sound (with that weird xo!)

Subject: Re: 8Pi build pics
Posted by tomlang on Sat, 23 Aug 2014 13:26:10 GMT
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These are very nice, thanks so much for showing us.

How is the crossover "weird"??