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Subject: Re: Horn loaded Corona Build

Posted by [Wayne Parham](#) on Sat, 16 May 2020 19:36:03 GMT

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There are lots of other great build threads too. Some people have built some really great looking home theaters. Some have made super nice dinner theater installations. And there are plenty of great finishes from various builders too. Almost too many to list, so just do some searching.

As for the braces, Rusty showed a nice link with a good example. That probably tells you everything you need to know. It's not really hard - Just put a cross-brace between the woofer and the waveguide. Build the cabinet and then cut a couple pieces of wood to span front-to-back and side-to-side. Make 'em long enough to fit snug. We want a smidge of preloading on the panels. Then set a sheet of insulation across the braces.

I'll send plans for the three Pi subs. They work great for flanking subs, but pretty much any other subwoofer will too. The only requirement is that it sounds good up to 200Hz. You can use a plate amp, but the thing is you need crossover at 100Hz second-order. Most plate amps have third-order or fourth-order slopes - which is perfect for distributed multisubs - but too steep for flanking subs. So keep that in mind when you choose amplifiers for your subs. You might do a search here for flanking sub amps. We've discussed that on various threads.