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Subject: Re: Request for Four Pi plan

Posted by [Wayne Parham](#) on Thu, 05 Mar 2026 15:21:05 GMT

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We sell crossovers fully assembled and we also sell just the blank board. When buying fully assembled, you'll notice there are options for component selections. When buying the unpopulated raw printed circuit board, you obtain your own passive components and assemble it yourself.

The entry-level assembled crossover is very good. It includes 18gu pure-copper air-core coils, polypropylene film capacitors and non-inductive resistors. All brands are of high quality.

Upgrades available include larger 15gu coils, which is worthwhile, especially if you consider running a tube amp. Various brands of capacitors can be selected, and Mills resistors can be selected as well. Choosing any of those is largely buyer-specific, as they are all good brands making high quality components.

DE250-8. The JBL 2226HPL is a fine substitute for the 2226H, as the only difference is cosmetic. The 2226H is packaged and sold as a raw driver, whereas the 2226HPL is intended to be installed in a cabinet.

About grilles, they are often a "necessary evil" - often made more important because of pets, young children or other "hazards." Then again, sometimes they are an aesthetic decision. Some speakers with grilles look fantastic. But even the most acoustically transparent material isn't truly transparent. Most don't color the sound too bad, but they do have a slight effect.

My suggestion is to make grilles removable so you can have "the best of both worlds." The traditional way to do that was with mounting posts or Velcro. Another way to do it that I really like is with magnets. Small cylindrical neodymium magnets can be embedded in the baffle with mates embedded in the grille frame. Simply drill a hole and press in the magnet, adding a dab of glue. Do this step ahead of veneering and when the grilles are removed, the main cabinet has no visible grille mounts.