
Subject: Pi components in Cornwall cabinet?

Posted by [cootcraig](#) on Sat, 05 Feb 2005 03:22:01 GMT

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Greetings, I've come across a pair of Klipsch Cornwall cabinets with no components. Is there a Pi kit that would work with these? Other suggestions on how to use the cabinets would be welcome as well.

Subject: Re: Pi components in Cornwall cabinet?

Posted by [Wayne Parham](#) on Sat, 05 Feb 2005 13:59:41 GMT

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The Cornwall used an Eminence-made woofer called the K33, internal Eminence part number 15162. It has the following specs: F_{ts} 34.46 Hz M_{ms} 78.59 g/m/s C_{ms} 0.2714 mm/NRms 2.3037 ns/MV a_{s10} 10.65 ft³ R_e 3.39 ohms L_e 0.96 mH Q_{ms} 7.39 Q_{es} 0.41 Q_{ts} 0.390 X_{max} 8.20 mm BL 11.88 EBP 84.4 η 2.91% Sens 96 dB Max Pwr 150 rms The Cornwall cabinet is about 7ft³ and tuned to ~35Hz. So you could do pretty well with an Omega 15 or Magnum 15HO. Either one would be a big step up for not much more money than the stock replacement. As for the midrange and tweeter, you could perhaps find those on eBay. The midrange is a K55 and the tweeter is a K77. Alternatively, you could make your own midrange and drive it with a small cone driver like the Alpha 6 and crossover to a PSD2002 on an H290 horn flare. Or you might even shoehorn in the midhorn I use, which would span the entire width of the speaker between the woofer and tweeter, and fill in the vertical space between them too. Naturally, either of these options will require some cabinet modifications.

Subject: Stage 4 PI Kit as 2-way?

Posted by [cootcraig](#) on Sat, 05 Feb 2005 19:10:51 GMT

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Would the Stage 4 PI Kit 2-way work then? With some cabinet mods to mount the H290.

Subject: Re: Stage 4 PI Kit as 2-way?

Posted by [Wayne Parham](#) on Sat, 05 Feb 2005 23:11:37 GMT

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