
Subject: Pi Cornerhorn Aesthetics

Posted by [dheflin44](#) on Tue, 12 Mar 2013 19:41:42 GMT

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

Hi Wayne,

I wanted to see what you think about the idea of using filler panels to make the Cornerhorn's mid-horn and bass enclosures appear more monolithic (similar to the look of the Khorns). These panels would butt up against either side of the bass bin and extend from the floor to the underside of the mid-horn. To look consistent from all angles, the panels would need to be L-shaped to also fill-in below the mid-horn's sides. If the filler panels need to be acoustically transparent, large cut-outs could be added to the panels and then wrapped with grill cloth.

I also wanted to ask if the portion of the bass bin that extends into the corners has any sonic significance (other than providing the correct spacing from the corners)?

Thanks,
Darrell

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [Wayne Parham](#) on Tue, 12 Mar 2013 21:40:34 GMT

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

There's no problem adding "wings" to the bass bin, although it does reach a smidge into the lower midrange so I wouldn't shadow it too much. An acoustically transparent (or nearly transparent) grille or foam would probably be best.

There is no significance in the top of the "doghouse" shape, it is merely a positioning device. It's really just a woofer in a slightly overdamped alignment, facing into the corner. The walls do all the work here.

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [dheflin44](#) on Tue, 12 Mar 2013 21:52:44 GMT

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

Thanks for the info. Has anyone ever posted pics of a 6Pi or 7Pi with side wings? Maybe some photoshop is in order.

-Darrell

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [dheflin44](#) on Tue, 12 Mar 2013 23:01:34 GMT

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

Here's a 7Pi with photo-shopped wings:

File Attachments

1) [cornerhorn_mockup.jpg](#), downloaded 3671 times

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [Wayne Parham](#) on Wed, 13 Mar 2013 00:02:09 GMT

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

2241, 2242 or 2245 woofers. It was 24" wide and 46" tall, which is a foot taller than that (2226)

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [dheflin44](#) on Wed, 13 Mar 2013 00:24:28 GMT

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

So what happened to the 18" 7Pis?

Subject: Re: Pi Cornerhorn Aesthetics

Posted by [Wayne Parham](#) on Wed, 13 Mar 2013 02:39:20 GMT

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

I retired them when I started doing the multisub thing. No more need to get the bass pumped out of a pair of massive radiators; Better to have two smaller 15" bass bins on the front corners and a pair of deeper bass units in the rear corners.

Basically you're spending a little less on the front pair, and buying a pair of rear distributed subs with the money you saved. That approach provides smoother bass using the distributed multisub approach.

extension in a smaller package, but at the cost of efficiency. They deliver more than enough SPL for most people though, which is why I retired the larger bass bins. This seemed like a more attractive approach, all things considered.
