
Subject: My CH-3's finally came in
Posted by [Adam](#) on Wed, 13 Feb 2002 21:44:31 GMT
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They are somehow smaller then I imagined them, but that's fine... Now I have compression drivers and horns and no damn crossover components!!! I don't have the 8.2 uf cap I need on my network (First cap in HP network). ARGHH!!! I guess it's time for an electrolyte temp... Don't have the resistors, either. I'll have to use my adjustable L-pads for now. Wayne, these things are really thick, do you countersink them? It would seem a wise move to me that would cut down on diffraction problems on the baffle. Adam

Subject: Re: My CH-3's finally came in
Posted by [Wayne Parham](#) on Thu, 14 Feb 2002 04:45:21 GMT
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We're talking about 1/4", which is equivalent to one wavelength of 54kHz. It's acoustically small, so there's nothing to worry about. On the other hand, flush mounting is cosmetically attractive and some DIY builders have routed their baffles to flush mount their woofers and tweeter horns. If you are considering it, do it for aesthetics only and don't expect to notice a difference in the sound.

Subject: Re: My CH-3's finally came in
Posted by [Crazy Dave](#) on Fri, 15 Feb 2002 15:34:05 GMT
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If you are concerned about diffraction, an alternative would be to surround the driver with an equal thickness of felt or wool. This would let you know if defraction is an issue, is easy to A/B and it is reversable. AR used to do this in the 70s. Dave

Subject: Re: My CH-3's finally came in
Posted by [BillEpstein](#) on Fri, 15 Feb 2002 16:37:04 GMT
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Be careful when you tighten down the bolts. It only took a few times for the heads to work into the soft plastic of the horn. Wish I had found bolts with bigger heads or used washers from the start.