Subject: 8 Pi's
Posted by Manualblock on Fri, 15 Jul 2005 21:03:24 GMT
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I need to hear these. Anyone around the East Coast that is involved with these? Wayne; any thing brewing with the 8's? Maybe an upgrade to the mid-woofer; say a JBL 10"? I have a yen to try them. It has been two yrs since the last speaker build.

Subject: Re: 8 Pi's
Posted by Wayne Parham on Fri, 15 Jul 2005 22:40:40 GMT
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I'm sorry to say there are no JBL drivers with specs similar to the Alpha 10. I've considered having Eminence make a driver with a shorting ring and similar electro-mechanical specs. But I've got a lot of other projects going, so it's not something that would happen anytime soon. And really, the Alpha 10 is a very nice sounding little speaker as it is.

Subject: Re: 8 Pi's
Posted by Manualblock on Sat, 16 Jul 2005 01:15:40 GMT
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Don't mean to disparage the Alpha; I just want to know there are possible upgrades and also want to hear a pair if possible; not that I don't have emplicit faith in your designs as you well know, but I feel this speaker must have a unique sound and how that would be used is what I would like to consider. It is very different from the standard model Pi. I have a feeling it is the solution to the need for smaller box but big wide open sound.

Subject: Re: 8 Pi's
Posted by Wayne Parham on Sat, 16 Jul 2005 07:34:59 GMT
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Thanks for your confidence. What I was trying to say is that there is no suitable replacement that I know of, at least, not one that is an improvement. There may be a driver somewhere that would work, but none others that I've looked at would work in this cabinet.

Subject: Re: 8 Pi's
Posted by GarMan on Mon, 18 Jul 2005 15:38:19 GMT
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When I built my 8 PI mock up from my 2 PI Towers, I was very please with the sound. I didn't hear a lot of areas where the Alpha-10s didn't deliver. In its use in the PI Towers, I think the Alpha-10s can use a bit more power handling and be a bit smoother above 2K, but in the 8 PI config, those two areas became irrelevant. The horn reduces power requirements for the driver, and its crossed at 1.6K to the tweeter. The only area where I thought could use some improvement is the bottom-end. Not that the bottom end was bad. It's just that the mid and highs were so good that I felt the bass was left behind.One obvious improvement would be to use a dedicated woofer, but then, you're looking at Wayne's 7-PI's, so why not just build that instead.How about the idea of two Alpha 10's in each cab in a 2 1/2-way design. The second Alpha would be used as a direct radiator and only comes in below 250Hz. With two drivers in the same cab, bass would not be as deep, but sensitivity in the bass region would improve by 6dB and you wouldn't need to pad down the mid and highs so much. You can even point the second woofer into the corner and ... wait a minute... we're back to the 7-PI concept again, aren't we? Looks like Wayne's thought this out already.Gar.