
Subject: Pi4 New Owner

Posted by [Doc Jr 8156](#) on Mon, 08 Nov 2010 19:43:55 GMT

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

Hello,

I am a new owner of a Pi 4 speaker (with JBL 2226 and B&C DE250) and I want to thank Wayne for coming up with this design. I am enjoying the speakers immensely. My other speakers are Linkwitz Orions, BIB with Fostex 168EZ, TQW with Fostex 200A, BLH with Fostex 168, BK 16, and Bozaks. The Pi 4 has its own unique sound that I like. I have a problem however.

The original owner of the Pi "sealed" the B&C horn with silicone. The horn was also recessed on the baffle. I wonder how can I remove the horns without damaging the speaker's cabinet? Wayne, can you send me the cabinet plan/or documentation regarding Pi4s

John Revilla

Subject: Re: Pi4 New Owner

Posted by [Wayne Parham](#) on Mon, 08 Nov 2010 20:50:56 GMT

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

Silicon breaks down very fast with certain solvents. Brake cleaner, for example, will turn silicon to runny goo in seconds. Whether or not you can get the solvent to the silicon without getting it on the finish is a different matter.

I might be inclined to dribble a tiny bit of it on the horn from the inside of the cabinet, on the back of the horn, so that it contacted the silicon without getting close to the finish. If you can do that, the horn will probably break free pretty easily. But do heed my warning about getting any on the finish. Some stuff is more resilient than others, like polyurethane verses lacquer or shellac. But pretty much nothing lives long when in contact with brake cleaner.

Subject: Re: Pi4 New Owner

Posted by [Doc Jr 8156](#) on Mon, 08 Nov 2010 22:43:48 GMT

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

Thanks Wayne. My problem is that the only way o access the cabinet is through the drivers. There is no opening at the back of the cabinet, except for the recess containing the binding post. Yes, I thought of solvents but it will make contact with the finish or be absorbed by the ply.

My other drastic solution would be to get another set of horns (H290?)and just drill holes on the installed one so I will have something to pull upon when removing the horn. Thanks again, Wayne.

Can you e-mail me the cabinet plan?

John Revilla

Subject: Re: Pi4 New Owner

Posted by [Bill Epstein](#) on Tue, 09 Nov 2010 02:40:58 GMT

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

I think your saying the H290 is sealed to the cabinet?

Silicone caulk never completely dries so it should be possible to slip a razor knife into it at the junction and cut a slit all the way around, then pry at it with gradually increasing pressure until the silicone releases.

Cutting the slit first ensures that some silicone remains on the wood and doesn't pull away from and damage it.

Subject: Re: Pi4 New Owner

Posted by [Doc Jr 8156](#) on Tue, 09 Nov 2010 05:00:09 GMT

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

Hello Bill,

Yes, the H290 was sealed to the cabinet but rabbeted. There is no seam between the lip of the H290 and the cabinet and the H290 is mounted flush to the cabinet face. No way I can pass something through under the H290 lip.

Wayne, thanks for the plan. How do I get the logo?

Thanks again.

John Revilla

Subject: Re: Pi4 New Owner

Posted by [Wayne Parham](#) on Tue, 09 Nov 2010 05:08:52 GMT

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

I think Bill's advice is good. It prevents any chance of getting solvent on the finish. But if you just can't get the blade between the horn and the cabinet, that's maybe not an option. I have some cabinets that are routed flush, and the fit is that tight. No way to get anything in there. I use gaskets though, not silicon.

Gaskets I am confused about one thing. You said there is no way to access the rear of the horn. How is the woofer mounted? Usually the woofer and tweeter are front mounted, even if routed

flush. You can remove the woofer and access the rear of the horn that way.

As for the logo, it's included with kits. If you email me your address, I can send a couple out for you.

Subject: Re: Pi4 New Owner
Posted by [Doc Jr 8156](#) on Tue, 09 Nov 2010 16:12:31 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks a lot Wayne. I meant, there is no opening on the cabinet backside. I guess I have to figure out how to remove the woofer first. I hope the woofer is not sealed with silicone too. I also use gasket on my speakers and I wonder why the original owner used silicone on this one.

John Revilla

Subject: Re: Pi4 New Owner
Posted by [Wayne Parham](#) on Wed, 10 Nov 2010 00:27:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

The 2226 midwoofer has eight mounting holes. There is foam on the front, sort of like a gasket but mostly for looks. It may hide the mounting screws, but they're there. Look for eight equally spaced holes. Chances are the woofer is mounted with Phillips or hex head screws.

Subject: Re: Pi4 New Owner
Posted by [Doc Jr 8156](#) on Wed, 10 Nov 2010 16:01:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello Wayne,
Yes, I know of the jbl mounting screws. Unfortunately, I think the midwoofs were sealed with silicone too. Maybe, the only way is to get a pair of H290 and just cut the ones installed right now. I want to upgrade the crossover and bi-amp this speakers. Godspeed.

John Revilla