
Subject: Pi 4 Professional

Posted by [Stefan I](#) on Mon, 26 Feb 2007 13:09:13 GMT

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Hi Wayne,I am interested in building the Pi 4 using the best components possible and have a few questions.1st a bit of background - I have built the La Scala's as bass for the Oris system but have grown dissatisfied with the full range Lowther sound - I just can't get on with the anomalies that the Lowther produces and I have been dissapointed with the LaScala bass bins with K33 drivers - they are best described as 'lumpy' and not extended.I would like to know how low the Pi4's go? Are they suitable for smallish British rooms 12ftx15ft? And.... are they musical?Also I already have some 2226h's - so what would the cost of the rest of the drivers and crossover etc be to send over the pond?Best regardsStefan

Subject: Re: Pi 4 Professional

Posted by [Stefan I](#) on Mon, 26 Feb 2007 19:40:04 GMT

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aslo shoud have said that I use a set of erm... SET 300b's as amps - on reading some of the items on the forum it may be best to use the theater or thermionic combinations???Wayne - advise needed before I embark I guess - if you have a design and crossover schematic that would be hepfull - many thanks.Stefan

Subject: Re: Pi 4 Professional

Posted by [xcortes](#) on Mon, 26 Feb 2007 21:18:59 GMT

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See the answers on this thread:<http://audioroundtable.com/PiSpeakers/messages/20298.html>

Subject: You've got mail!

Posted by [Wayne Parham](#) on Mon, 26 Feb 2007 23:04:56 GMT

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Your highest quality speakers will be those in the Professional Series. I would go with them if the loudspeakers. I use them with SET and ultra-linear PP amps, and just love them. They've been my favorites for a long time, since the 1970's. And they've had incremental enhancements over the years too, so they're the best they can be.If you can't commit to using corners, you might go

case, the woofer is tuned slightly overdamped, so bass rolloff is slow and smooth. This makes a nice conjugate for room gain, and won't let bass become boomy even in "live" rooms with solid plaster walls like in some European flats.

Subject: Re: You've got mail!

Posted by [Stefan I](#) on Tue, 27 Feb 2007 07:05:10 GMT

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Thanks Wayne, I like the sound of the Pi4 bass base with the Pi7 mid and top. I do have corners and can build the Pi7 corners but at this time I have a deluge of speaker carcasses! So my thinking is to re-use the LaScala bass bins (that I lovingly put together - weep!) to accomodate the 2226h - it appears to be about the right size and I can jig saw out some of the front bow of the dog box and add a font panel cut out for the driver. The rest of the dog box together with the reverse horn will probaby aid in attenuating the rear wave (aka B&W Nautius - reverse snail - or at minimum act as a good brace). Many thanks Stefan

Subject: Re: You've got mail!

Posted by [Wayne Parham](#) on Tue, 27 Feb 2007 15:09:45 GMT

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I'm not sure I'd use a JBL 2226 in a LaScala. You could model it and see how it will act. I also recall a modification to the basic LaScala cabinet you might try. This is a mod proposed by djk that uses a Helmholtz resonator in the rear chamber to boost bass. At any rate, I'm not comfortable that a basshorn folded like the LaScala should be used up past the bass range. When I use a basshorn that is folded this way, I tend to also use a midbass driver to cover the span between basshorn and midrange. The only thing I don't care about Klipschorns is they don't have a folding pattern that lends itself to propogation of midrange frequencies and I think they push them too far. I wouldn't suggest using one in this manner.

Subject: Re: You've got mail!

Posted by [Stefan I](#) on Tue, 27 Feb 2007 16:27:10 GMT

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Hi Wayne - I was thinking of just re-using the box by chopping the 'v' shaped bow out of the dog box out and blocking the mouth of the horn with cut-out for the driver and port i.e. don't worry I will not be mounting the 2226 in place of the K33. I have tried the DJK mod with skirt an ports - they

are Ok - just don't like the bass of the LaScala - its just lumpy and not that good on upper bass - plus the K33 cone seems too soft and the bass is kinda bouncy. The JBL pointing out front should do a mans jobs of it.Thanks for the plans etc. I am in the process of moving house at the mo so will digest the schemes and get back to you.Also I've sent you a picture of my previous Oris style speaker - its all hand and home made.RgdsStefan

Subject: Re: Pi Cabs
Posted by [Matts](#) on Tue, 27 Feb 2007 17:15:26 GMT
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If I were you, I'd sell the K's to someone who would want them, and just build the Pi cabs, or have someone build them for you. They are ez to build, look nice, and you have a fully integrated design. Why spend money on good drivers and then put them in a chop job? just my tuppence worth.

Subject: Re: Pi Cabs
Posted by [Stefan I](#) on Tue, 27 Feb 2007 20:57:13 GMT
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Matts,Thanks - more than tuppence worth of advise - I think you are right.Just these things don't seem to sell well round these parts. Its such a shame as I built them so bloody well - I mean they are better than any LaScala bass bin - birch ply - absolutlety precise joints - horizontal braces around the dog box - I mean I spent 2 weeks on each cab - weep! I may keep them as... tables?I like the idea of eventually building the 7 horns for a numer of reasons 1) horns rule 2) they are Waynes favs and that counts for lots 3) I lurve horn bass (when its right)).....Stefan

Subject: Re: Pi Cabs
Posted by [Mattimoe](#) on Tue, 27 Feb 2007 21:25:33 GMT
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even more so- if you built those cabs that well, it'd be a shame to start doing surgery on them. Even if you can't sell them for what you'd like, I'd feel better if a friend had them, or they were in storage. onward and upward...

Subject: Re: Pi Cabs

Posted by [dB](#) on Thu, 01 Mar 2007 16:15:10 GMT

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YES. I am paying 426€ euro (\$566 USD) for CNC cutted front and back panels, just the 4 panels with 21% taxes (not the USA 5%) and wood and drawing time - about 145€ (\$193 USD) - rather

now available for \$750.00" for one 12P'box, here
