Subject: Specs RCF L15/554K
Posted by Erik from Holland on Mon, 27 May 2002 13:41:13 GMT
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Hi Wayne,As promised in my last thread, here are the specs on the RCF L15\554K.Would this driver be beter for the Theater 4Pi, than the Eminence Kappa 15" lf?Could you take a look at it, if the driver is good enough, would you give me the specs on the best filter and compressiondriver to go with it?L15/554KImpendance: 8 OhmsFreq. response: 35-2500HzPower handling 100 hour EC nose: 500WattsPower handling AES standard: 600WattsSensitivity (1w/1m): 99 dBVoice coil diameter: 100mmResonance frequency: 35HzTotal efficiency factor QTS: 0,24
QMS: 8,6 QES: 0,24 Vas: 0,227 m3 Re: 6,6
Sd: 0,085 m2 xMAX: +/- 4MM11,3KG/PIECEThanks,Erik.

Subject: Re: Specs RCF L15/554K
Posted by Wayne Parham on Mon, 27 May 2002 14:21:45 GMT
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I have sent plans for the model that uses a Delta 15, but don't have any that use the Kappa series.

Subject: Re: Specs RCF L15/554K
Posted by Adam on Mon, 27 May 2002 14:40:45 GMT
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The Kappa15lf's are quite nice in ported alignments. They actually go quite deep and sound really great. The impedance compensation is a must have to eliminate the nasal midrange sound from them.Other than the somewhat low excursion, the driver you got here will probably outdo the kappa. It appears to simply be better built. Heavier, more effecient, more power handling, larger voice coil, will probably work in a similar sized box, although you might have some trouble getting that low end extension out of a bass reflex box because of low Q.From the standpoint of sound quality, I would probably take this woofer over the Kappa (without looking at frequency response charts or whatever). However, in high SPL applications, the 4mm of excursion is a concern.So I guess if this is just a casual listening speaker in your house, that's a nice driver. If you are going to be pushing them hard (like I always do) you might bottom it out easily.Having said that, this

woofer is probably pretty pricey. I'm sure you could pick up woofers with similar specs at a similar price with longer excursion.Adam

Subject: Re: Specs RCF L15/554K
Posted by bmar on Mon, 27 May 2002 22:21:04 GMT
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Erik,I like these specs, similar to a JBL E140. do you know what the cost is? any idea how tight the suspension is?Bill

Subject: Re: Specs RCF L15/554K
Posted by Erik from Holland on Tue, 28 May 2002 03:07:45 GMT
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Well, these drivers are about 272,27 Euro. And i'm already using 4 pieces in my new subs. (subs for set to amplifie bands/ do drie-inn)Thanks for your response, Erik

Subject: Re: Specs RCF L15/554K
Posted by Erik from Holland on Tue, 28 May 2002 03:16:42 GMT
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Hi Adam,I`m already using 4 of these speakers in my new subs. These have very stiff suspension because of use. It`s a PA speaker, like the JBL and the Eminence speakers, and therefore they need to be stiff in order to give very high output and staying lineair long as possible. These are high-output real-bass drivers. They cost about 272,27 Euro a piece.They give a good low extension in the subs where i`m using them in now.I`m thinking on using this driver in my Theater

4 Pi`s, because it`s a better option than the Kappa i think.I must be using the stuff i already have i think, because i already spendet to much on my sound-set.Please look on the internet for the RCF L15/554K, for thespecs and frequencie response sheet. I don`t have it, and i`m curious what the driver does in a 4pi. These are 15"-es.Thanks, Erik

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Subject: Re: Specs RCF L15/554K
Posted by Erik from Holland on Tue, 28 May 2002 03:24:21 GMT
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Well Wayne,I do want to use these drivers in the 4Pi's, and I think they can compete with JBL.Erik

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Subject: Re: Specs RCF L15/554K
Posted by Adam on Tue, 28 May 2002 13:29:08 GMT
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Sorry Erik, I don't have time to hunt down such information about your woofers. Unless it's a very well-known company, such information can actually be really hard to find.However, I think it's a safe bet that you can use these units along with the PSD2002's or 2426's with no problems at all.Keep in mind the HF compensation circuit will be different if the woofer actually is 99 db sensitive. Also, at least in the case of the PSD2002, you won't have enough of a mismatch to fully realise the HF lift circuit.Adam

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Subject: Re: Specs RCF L15/554K
Posted by bmar on Tue, 28 May 2002 22:59:02 GMT
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The specs look as nice as any of the US pro drivers. I'm not so sure that any one driver is perfect. The sounds are all subjective to the listener.Since you have some of these already. You should definetely try them in your 4pi's.bill