
Subject: Please "light trough" RCF motors
Posted by [Erik from Holland](#) on Sat, 18 May 2002 15:58:31 GMT
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Hi Wayne, No, there isn't any news yet. I have a temporary motivation problem, and currently not building anything. Although I still have two projects waiting. But I do have a question for you. I finished my new PA-subwoofers now a while ago, and I did listen to them a few times. And I'm very impressed by the sound. As you would probably have read in my earlier threads, I used the RCF L15/554K. Do you know these motors, or did you consider RCF FOR THE pi designs? I would like to hear more comment on them. Another question, do speaker motors are sensitive for specific climates inside a house. Like to dry and warm, or to cold and moist? Since all of my motors have paper cones, I was curious if climate would shorten their lifetimes. Bye, and thanks Erik

Subject: Humidity
Posted by [Wayne Parham](#) on Sat, 18 May 2002 17:07:51 GMT
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Very low humidity greatly shortens the life of the paper diaphragms and cloth or foam surrounds. You don't want them to become wet, but short of that you will find that higher humidity will generally increase the life of your speakers. The only exception I know of is tropical climates. I understand that these extremely moist climates cause a great deal of problems. I've heard symptoms from people that sound very much like mildew rot, and it is as if the speakers were continually immersed in water. So I suppose that a good range is something like 30% to 70% humidity.

Subject: Re: Humidity
Posted by [Erik from Holland](#) on Sun, 19 May 2002 06:35:14 GMT
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Since Holland lies near to the shore, we have heard what you would call a sea-climate. What comes down to that most of the time rainy clouds come from the sea and drop the rain over Holland. In the summer, when it's warm, it's also very moist. High Humidity. So when it's like 25 or 30 degrees Celsius over here, it's almost unbearable. But when you go to Italy or Spain, you can

walk wizzling in 40 degrees. When the sun don't shine its either cold or its raining over here. So we have a very wet climate. But it would not be as moist as in the tropical climates. There are the extremes, veeery hot and veeeeery moist. If you are interrested I can send you the specs on the RCF 15/554K? Lexicon has a dolby pro logic/ DTS processor in his product line, what costs over 10.000 USD. This is a neat machine, but far to expensive. Do you know any surround-processors that cost less, but perform good? Thanks, and I will keep you informed on building my own 4Pi's, but it'll have to wait a while. I'm making plans on buiding a house, and that's one thing what's not easy in Holland. You need a long breath for it. Sometimes i wish i could trade my social-insurance that Hollands gives for the benefits of living in America. Cause everything you would want here is such a problem. And f***ing expensive. Bye, erik

Subject: Re: Humidity
Posted by [Wayne Parham](#) on Sun, 19 May 2002 12:13:41 GMT
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Your humidity is probably perfect for speakers then.