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Subject: Re: Leslie-Type Spinning Speaker Systems?

Posted by [granch](#) on Wed, 25 Jul 2007 00:30:47 GMT

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Allen, the US major mfr of electronic organs, used to make a "Leslie-Like" speaker they called the Gyrophonic - mid range cones and horn tweets on a circular rotating soundboard, open rear cabinet. If you spun it fast you would get the "Leslie" FM effect from doppler. However, the really big deal of this baby was a dead slow rotational speed - maybe 20 rpm or less. The point was this: all electronic sources are fixed in space and the ear quickly realizes this. In a pipe organ the number of such fixed positions is very large and constantly changing. The ear easily sorts out the difference. BUT, put one source in slow motion, and all the reflections and multipaths are constantly changing and the ear immediately senses this as a very "Live" organ sound. I have one I added to my big Allen long after they had stopped making them. Now, if the Leslie's had a similar very slow speed option, they would have been used for the same effect. Never saw a real Leslie, but maybe you guys would know

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