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Subject: "Wings" anyone?

Posted by [granch](#) on Sat, 28 Jul 2007 05:31:26 GMT

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Back in the good old days before stereo, TV and all this other foolishness, when men were men and talking movies were all the rage, the big guns of the theater sound world employed "Wings" on their bass reproducers (usually modified horns?) to extend the low frequency response - presumably by lengthening the path length of cancellation "around the speaker and back". Can anyone elucidate this subject and does it really help (my interest is outdoor very large area sound - organ music for the fishing fleet from shore). My latest scheme is (per channel) 4 A-7s stacked with cones adjacent and with/without "wings". Two of these arrays about 30 feet apart with some sort of subwoofer in the middle complete the stereo source with audience from about 75 ft away up to over a mile. Arrays are elevated on a 20 ft bluff back about 50 ft from the water. The intent is to substantially improve the sound with less stress on the equipment over present design which uses three A-7s per side stacked one over two and no wings or subs.

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