

## PRESENTATION and experiments with listeners.

This video has basic information about the 8x6 Quadrophony and Octaphony. However, the presented fragments of recorded songs are only in the STEREO version, because I cannot play multi-channel music on the video. Files with multi-channel recordings can be found on the *AUDIO 3* subpage.

Movie link:

[VIDEO TS/VTS 01 1.VOB](#). (polish version)

### Experiments involving listeners.

In the previous pages I described in detail a number of spatial effects that I was able to design, record and reproduce. It took me a total of several years and required the use of several computer programs and audio devices. Similar spatial effects can, however, be obtained in a completely different and more simple way - namely as part of experiments involving listeners. Moreover, in this way, you can probably also get such spatial effects that I have not been able to create on all of my computer equipment and audio devices.

All the beginning of the experiment, students are divided into two groups:

- contactors (min. 8 people) and
- proper listeners (any number of people).

*{ for individual experiments, these groups can be alternated: once they are performers, one listener because the main premise of these experiments is that as many people as possible experience the sense of spatial music - surrounding }.*

Listeners sit grouped near the center of the room - their role in the experiment is passive. Eight performers are sitting at 8 points of the hall in a square-like area - in the same place where the real and virtual speakers are located. Their positions are in line with the main channels of the hearing area, and thus:

- in <b>front</b> of the room sit: No. 1 = LF	in the middle of the No. 2 = CF	No. 3 = RF
- on the left <b>side</b> of the room No. 8 = SL	<b>LISTENERS</b>	on the right side sitting room No. 4 = SR
- at the <b>back</b> of the room are: No. 5 = RB	in the middle of No. 6 = CB	No. 7 = LB

### EXPERIMENTS:

1. performers speak in turn: 1-2-3-4-5-6-7-8 = square effect, repeated several times, accelerating pace gives the additional **effect of a spinning wheel**,
  2. the following contractors call: front (1-2-3), side (4-8) and rear (5-6-7) channels = **effect 3 horizontal lines**,
  3. the following contractors speak: 9-1-8-7), right (3-4-5), rear (5-6-7), left (1-8-7) and right (3-4-5) = **4 lines effect**,
  4. subsequent channel artists: together 2 + 6, then 4 = 8, 2 = 5, then 3 + 7 = **effects center lines** +
  5. successive performers of channels 1 + 5, then 3 + 7 = **the effect of diagonal lines X**,
  6. experiments similar to previous but different order of performers' calls: 1-2-3-7-6-5-4-8. The graph of these effects has the shape of **an eight**.
  7. **any consequences** of the variants given above.
  8. different channel order: e. g., **alternating pairs**, etc., etc.
- I assume that during further experiments - ideas from new interesting experiments will appear on the part of the participants.

Performers sitting in the locations specified bellow - speak in turn any word or consecutive syllables of two-syllabe words or produce any sounds.

