Klnagkapsel / Sound Capsule

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Theme:

A Production of an acoustic-object, which provides a complex experience of sound with auditory and tactile perception.

Concept:

Obviously our auditory perception based at “ear level”. You never get the listening-perspective separated from the ear level, just as your ear cannot get apart from your body. Our listening-perspective corresponds a position of our body (ears) in a space.

Sound also delivers perception of very colourful plasticity and space from the source of the sound material. This perception is not only pure auditory experience but also it arouses tactile feeling and visual image. The tactile and visual association is connected to memories of every recipient, which he/she has already experienced, such like water drop sound reminds us the liquidly materiality and probably also gain a kind of symbolic aspect, which based on a personal and cultural memory of water.

Because of these multisensoric aspects, you could say that the sonic experience is highly associated intimate bodily perception.

In order to focus on the bodily experience of the sound, I made parallel 8-channel sound recording with 8 DPA-Miniature Microphones, which were fixed on different body parts, like on both of the hands, on heel of the both feet, on chest (with a stethoscope, in order to record heartbeats), in front and back of head etc. Each of the channels recorded different perspectives of the soundscape and the sound were mainly caused of physical action, for instance footstep-sound close to the ground with the microphones on the heel, heartbeats with one on the chest, biting-sounds with the one on chin etc.

These variety of sounds were mixed into stereo and even only listening to the mixed material, you feel as if you were moving inside of someone’s body.

Another important auditory aspect of this work is the transformation of the sound into physical vibration. The transducers are installed in different positions: under your head, chest, hands and feet. Corresponding the sound material, tactile elements, such like bicycle-tire running on sandy ground or cutting a vegetable on a wooden cutting board, are through the transducers physically sensible. As each audio channel are independently connected to the each transducers, I composed also the positioning of the tactile signal, which signal will be sensible at which position of the recipient's body.

From this audio-tactile listening experience, your consciousness to your own body will be gained.

The Object was designed, in order to provide:

- the best position for the stereo image and for efficient transfer of the vibration to different spot of your body
- feeling of "Geborgenheit" with a relaxed posture and the intimate contact with a soft surface of the inside of the object
- sculptural aspect with organic form, which based on form of human's body and possibly attracts recipient visually

"Sound Capsule" has following features:

- 2 Coaxial Loudspeakers / for 3-dimentional auditory Stereo image
- 7 Transducers / they transfer audio-signal into physical vibration

"Sound Capsule" works with:

- A computer with a multi-channel DAW Software
- A multi-channel Audio Interface (8 channels)
- Amplifiers for independent 8 channels

Duration of work:

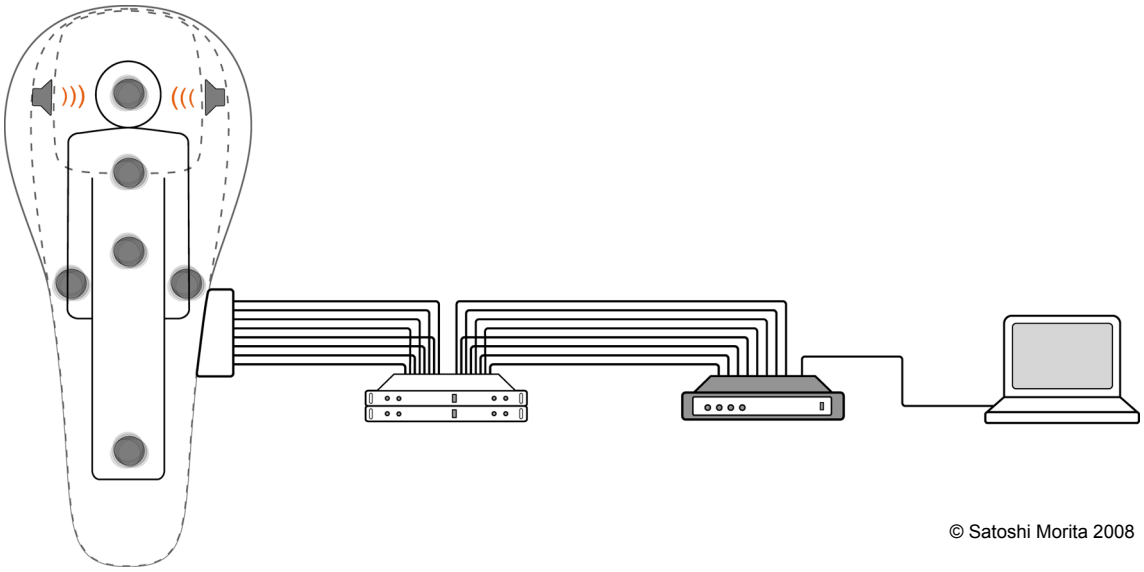
- *part I - 07'05*
- *part II - 09'38*

Size:

235 L x 95 W x 70 H

Material:

polystyrene, polyurethane-foam, elastic soft-shell fabric, wood, Loudspeakers, Transducers, cable



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Supported by

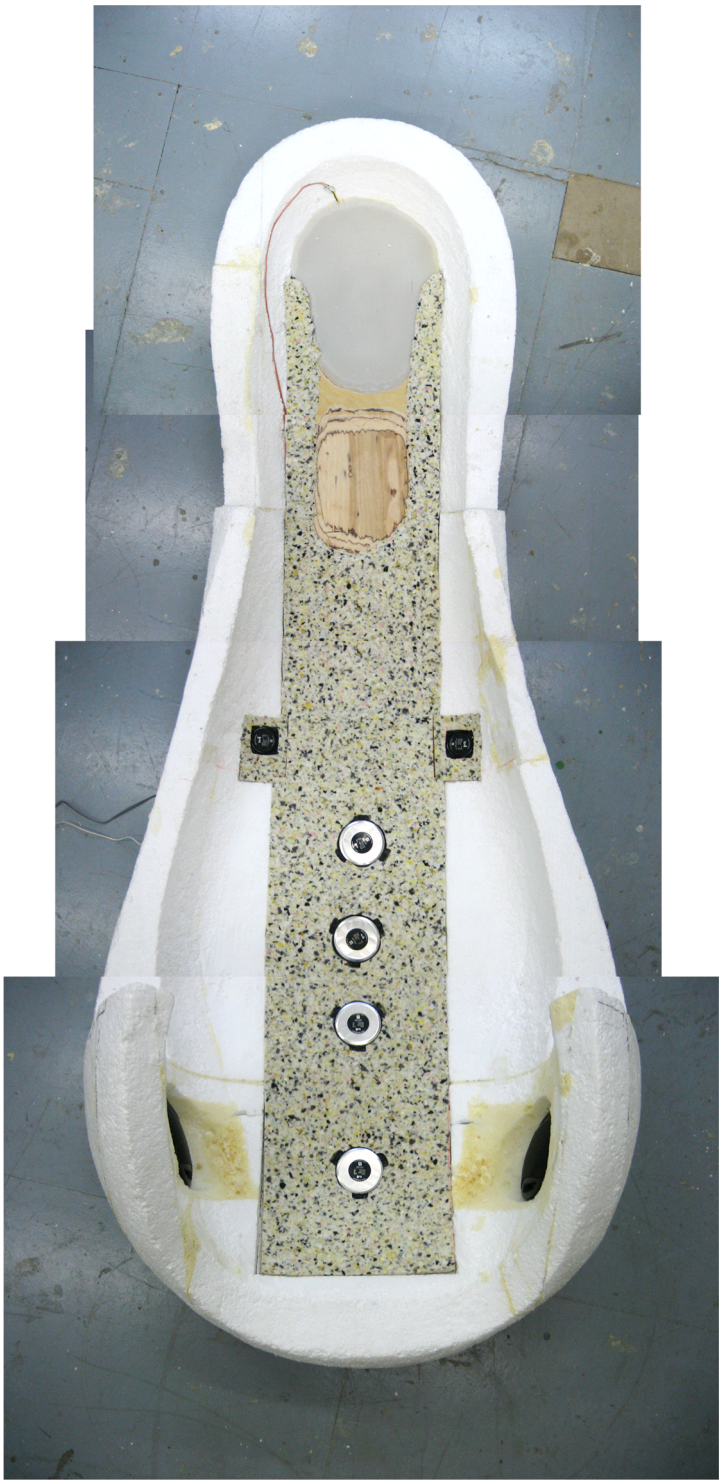












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