

The Sound Research Project Head Resonance

Saturday, September 8th, through Friday, September 14th, 1984
Brucknerhaus, Foyer

The Sound Research Project is a project by the HEAD RESONANCE group from 1982—86 and takes place simultaneously in five continents, including the following points:

- documentation of profane/sacred music
- collection of environmental noises
- concerts in the countries in question, if possible with local musicians to gather experience and impressions
- installation of the SOLAR POWERED RANDOM SOUND GENERATORS in all continents, a sound-sculpture transforming light into music and programs with a synthesis of western science and eastern philosophy
- evaluation of the impressions and creation of various artistic products (graphics, music, film, video)
- production of commercially marketable 16-mm documentaries about selected topics in the countries visited.

This project is to be seen under the aspects of cultural exchange on the level of personal confrontation. HEAD RESONANCE was in Thailand in 1982/83 and has worked at a documentation and a concert there. From May 1984 the group will continue the project in India and Ladakh. They are planning a film about everyday life in a Ladakh monastery.

The HEAD RESONANCE group

HEAD RESONANCE is an interdisciplinary working group founded in 1979 by Benjamin Heidersberger and Peter Kohlrusch.

Film—Video—Graphics—Electronic Music—Experimental Vocal Music—Environment—Performance.

Most important activities:

- Since 1979 permanent recordings of singing in the Königslutter Cathedral
- Appearance for the opening of the Phoenix Exhibition, Alte Oper, Frankfurt 1981
- Performance video "Sticks" + "There-Then" with Mineo Aayamaguchi 1981
- Appearance at Ars Nova/Tage der neuen Musik, Frankfurt 1981
- Computer-video "Farbtonraum" with Dieter Kleintje, Munich 1982
- Concert at the Frankfurt Peterskirche, 1982
- Trojan concert for the Jaa and Folklore Festival, Wolfsburg Castle, 1982
- Ars Electronica, Linz 1982
- Concert Kamikaze, Galerie Apex, Göttingen 1982
- Sound Research Project for the Bangkok Festival of the Minus Delta T group, Thailand 1982/83
- Concert Weltrausch, Bhirari Institute of Modern Art, Bangkok 1983
- Exhibition and Concert Delay. Galerie Odem, Hannover 1983
- Concert appearance "Hindrances on the Way", Atonal Festival, Berlin 1983
- Record production "Line of Eloquence", Vocal Music, Düsseldorf 84

THE SOLAR POWERED RANDOM SOUND GENERATOR

The SPRSG is a sound sculpture from chromesteel, emitting sound frequencies if touched by solar radiation. Solar cells transform the light into electrical current, a microprocessor calculates always new variations of pentatonic sound signals consisting of maximally six tones. In order to generate a large variety of sounds, we used the pythagorean scale (of pure fifths).

The active part itself consists of two hexangular plates, with the polyester-coated solar cells, electronics and sound transformer between them. The programming of the SPRSG is based on the analogy of two ways of thinking: the Chinese I-Ging, which consists of a systematical list of the situations of life and the actions resulting therefrom, and the generic code, the molecular-biological determination of life in this world.