

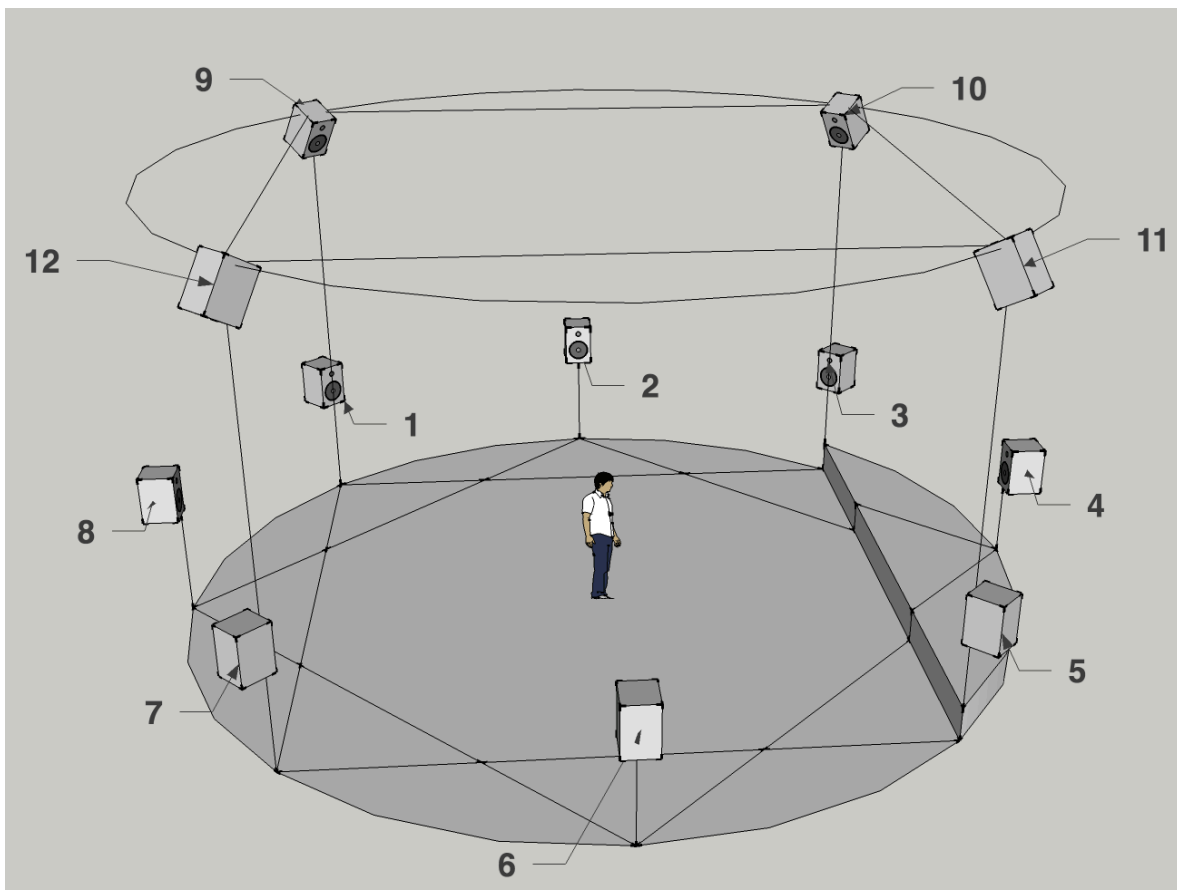
The Beast with Two Heads

2012

Duration: 72 or 24 minutes

This piece is a tribute to electro-acoustic music and its origin in Musique Concrète (started by Pierre Schaeffer in France in the 1940s) and Elektronische Musik (composed by Karlheinz Stockhausen and others in the early 1950s). The Beast with Two Heads can be performed as a concert piece or as a sound installation. The music consists of two separate pieces - one made of concrete material (recorded everyday sounds) and one composed with synthetic sounds from more than 30, old and new, synthesizers. The piece has been a work in progress for 12 years of my life and has been growing in complexity through the years. The music concrète piece is divided into 12 parts, each one is the interplay of two sound sources. For instance: water-wind, piano-cymbals, voice-drums, rain-helicopters. I have used sound-sources that have been very popular in Electro-acoustic music through the history. The synthesizer sounds are recorded by me during this 12 years and I am very grateful to all the studios and friends letting me use their instruments. The piece is also a deep investigation in surround sound. Some material is recorded in three dimensions with a technique called Ambisonic. I have also used many other multi channel recording techniques to reproduce the sounds movements and the room acoustics as realistic as possible. The piece is constructed from the number 12. There are 12 parts, 12 speakers, the duration is $2 \times 12 = 24$ minutes and I have been working on the piece for 12 years.

Jens Hedman is a long time established name in Swedish electroacoustic music and sound art. His music has been performed at festivals, concerts and on radio all over the world and has received several important prizes in international music competitions. Hedman composes both instrumental and electroacoustic music. He often combines his music with other artistic expressions, collaborating with writers, visual artists, choreographers and architects. To Hedman the spatial content of music is very important and many of his works explore space and movement utilizing multi channel techniques. He has also participated in several collaborate compositions together with other composers.



TECHNICAL SPECIFICATIONS

A. **The Beast with Two Heads** is available in 3 formats: **12-**, **8-** or **5-**channels.
5, 8 or 12 sound files 48 kHz / 24 bit to be played from a computer.

B. The piece can be performed in 2 ways:

- * **The full version** is to first play only the **C**oncrete piece, after that the **E**lectronic piece and last both the **C**oncrete and the **E**lectronic pieces together. You can either have a 10 minutes interval between each piece, or just silence for 10-15 seconds. The total duration for the full version is $3 \times 24 = 72$ minutes excluding intervals.
- * **The short version** where you only play the mix of the **C**oncrete and the **E**lectronic pieces together. Duration for the short version is 24 minutes.

Technical requirements for the 3D 12-channel version:

1 computer with ProTools

1 (or 2 working together) sound interface(s) with **12** independent analog outputs

12 speakers – the number on the tracks in ProTools refers to the number of the speakers shown above.

Track C1 and E1 →	Speaker 1 =	Left Back Floor
Track C2 and E2 →	Speaker 2 =	Left Side Floor
Track C3 and E3 →	Speaker 3 =	Left Front Floor
Track C4 and E4 →	Speaker 4 =	Centre Front Floor
Track C5 and E5 →	Speaker 5 =	Right Front Floor
Track C6 and E6 →	Speaker 6 =	Right Side Floor
Track C7 and E7 →	Speaker 7 =	Right Back Floor
Track C8 and E8 →	Speaker 8 =	Centre Back Floor
Track C9 and E9 →	Speaker 9 =	Left Back Ceiling
Track C10 and E10 →	Speaker 10 =	Left Front Ceiling
Track C11 and E11 →	Speaker 11 =	Right Front Ceiling
Track C12 and E12 →	Speaker 12 =	Right Back Ceiling

Technical requirements for the 2D 8-channel version:

1 computer with ProTools

1 sound interface with **8** independent analog outputs

8 speakers – the number on the tracks in ProTools refers to the number of the speakers shown above.

Track C1 and E1 →	Speaker 1 =	Left Back Floor
Track C2 and E2 →	Speaker 2 =	Left Side Floor
Track C3 and E3 →	Speaker 3 =	Left Front Floor
Track C4 and E4 →	Speaker 4 =	Centre Front Floor
Track C5 and E5 →	Speaker 5 =	Right Front Floor
Track C6 and E6 →	Speaker 6 =	Right Side Floor
Track C7 and E7 →	Speaker 7 =	Right Back Floor
Track C8 and E8 →	Speaker 8 =	Centre Back Floor

Technical requirements for the 2D 5-channel version:

1 computer with ProTools

1 sound interface with **5** independent analog outputs

5 speakers – the number on the tracks in ProTools refers to the number of the speakers shown above.

Track C1 and E1 →	Speaker 1 =	Left Back Floor
Track C3 and E3 →	Speaker 3 =	Left Front Floor
Track C4 and E4 →	Speaker 4 =	Centre Front Floor
Track C5 and E5 →	Speaker 5 =	Right Front Floor
Track C7 and E7 →	Speaker 7 =	Right Back Floor