

Jonathan Harvey
Ritual Melodies
1990

Ritual_Melodies-Max6
2013



The setup and the execution of the electroacoustic part
of this work requires a Computer Music Designer (Max expert).

Table of Contents

Table of Contents	2
Work related information	3
Performance details	3
Realisation	3
Useful links on Brahms	3
Version related information	4
Documentalist	4
Realisation	4
Upgrade Motivation	4
Other version(s)	4
Electronic equipment list	5
Computer Music Equipment	5
Audio Equipment	5
Files	6
Instructions	7
Audio setup	7
Loudspeaker setup	7
Midi setup	7
Software installation	7
System calibration and tests	7
Initialization routine	7
Patch presentation	8
Performance notes	8
Program note	9

Work related information

Performance details

- July 11, 1990, France, festival de Saintes, concert de l'Ensemble Musique Oblique.

Publisher : Faber Music

Realisation

- Jan Vandenheede

Useful links on Brahms

- [Ritual Melodies](#) for magnetic tape (1989-1990), 13mn
- [Jonathan Harvey](#)

Version related information

Documentation date: Nov. 30, 2013

Version state: valid, validation date : May 3, 2018, update : May 6, 2021, 3:09 p.m.

Documentalist

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You noticed a mistake in this documentation or you were really happy to use it? Send us feedback!

Realisation

- Frédéric Voisin (Computer Music Designer)

Version length: 13 mn 37 s

Default work length: 13 mn

Upgrade Motivation

Max6 version

Other version(s)

- [Jonathan Harvey - Ritual Melodies - transfert_mustica_ftp](#) (April 14, 2010)

Electronic equipment list

Computer Music Equipment

- 1 MacBook Pro - *Apple Laptops* (Apple)
- 1 Max 6 - *Max* (Cycling74)
or Max6 RunTime

Audio Equipment

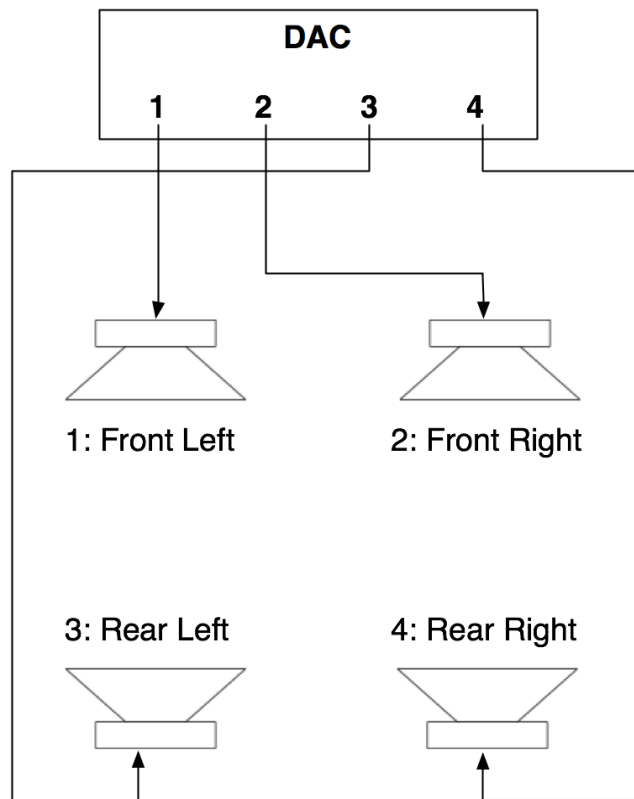
- 4 Loudspeaker - *Loudspeakers*

Files

File	Type	Author(s)	Comment
Ritual_Melodies-Max6.dmg	All-in-one	Frédéric Voisin	md5: 49c45fa167ac8b5027cc5594f6f90aac

Instructions

Audio setup



Loudspeaker setup

Audio equipment for the playback of four audio tracks surrounding the audience (cf. supra Audio setup)

Midi setup

No MIDI devices

Software installation

Max or Max Runtime software version higher than 6.0 is required.

Mount image Ritual_Melodies-Max6.dmg

System calibration and tests

Set sound card sample-rate to 48kHz (for original quality) or 44.1kHz.

In Max, tests for quadriphonic setup may be done using patcher 'test-quadriphonic.maxpat'

Initialization routine

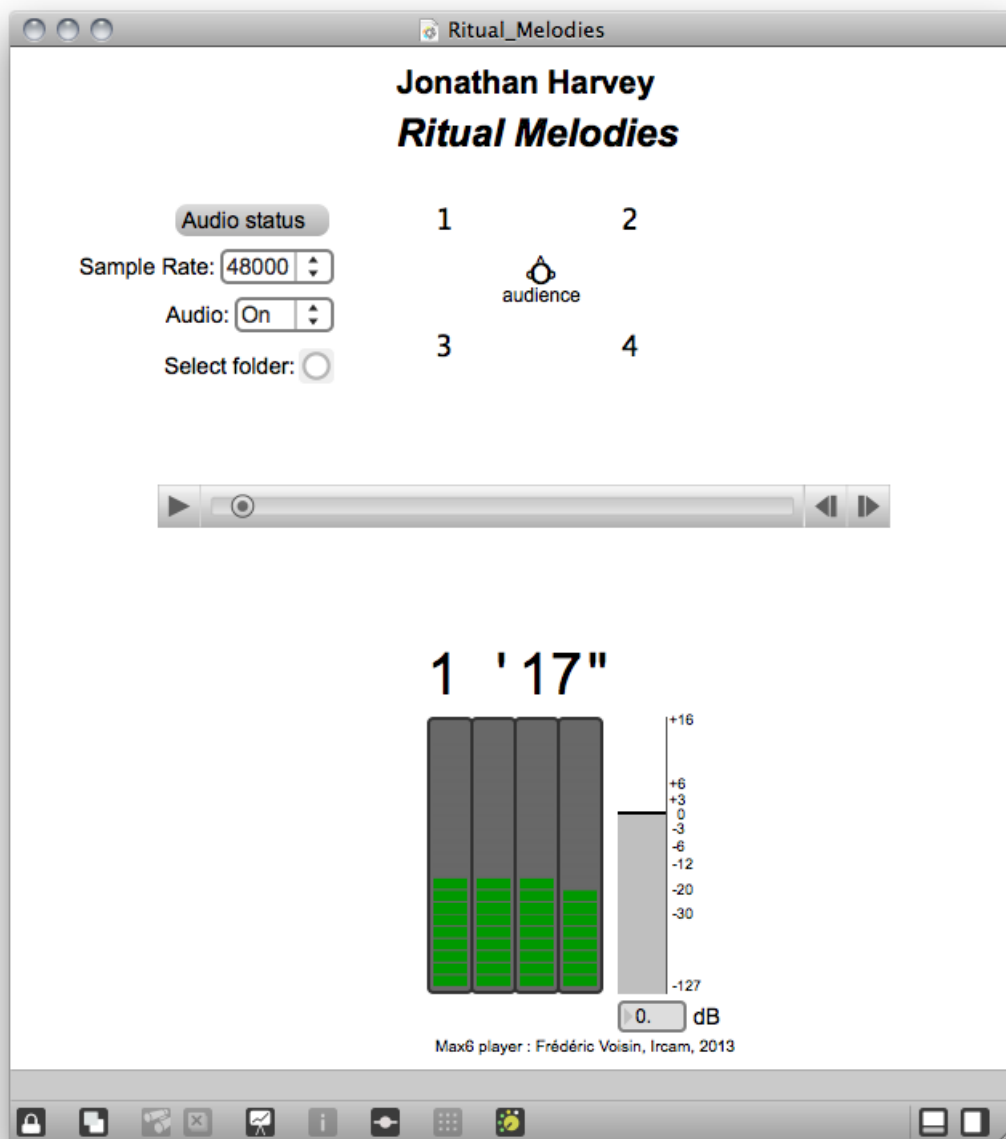
In Max, launch file Ritual_Melodies.maxpat.

Then in patcher main window :

1. Select sound card using button ' Audio status' (output device) ;
2. select Max sample rate, by default set to 48 kHz for original quality, or 44.1kHz ;
3. set Audio On ;
4. Clic on 'Select folder' button to load sound tracks from folder 'Ritual_Melodies-Max6' ;


Volume is automatically set to 0 dB.

Patch presentation



Performance notes

Sound file duration is 13'37.

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Program note

Ritual Melodies utilise seize mélodies qui s'entrelacent et forment ainsi une chaîne circulaire. Toutes les hauteurs sont extraites d'une série harmonique (du partiel 6 au partiel 36). Les mélodies, qui sont l'objet d'un traitement polyphonique (souvent en canon), génèrent tous les autres éléments.

Le matériau, purement synthétique, a pour base la simulation d'instruments appartenant à différentes cultures et faisant référence à des rituels. Le type de synthèse employée varie pour chaque instrument, mais est toujours d'ordre spectral (synthèses additive, soustractive ou formantique). Les sons ont été générés avec le programme Chant/Formes. Les processus mélodiques effectuent des emplois hybrides des différents types de synthèse, afin de produire, au choix, ambiguïté ou identité affirmées.

Jonathan Harvey.

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