

Jonathan Harvey  
*Ritual Melodies*  
1990

Ritual\_Melodies-Max6  
2013



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

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## Work related information

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### 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

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Documentation date: Nov. 30, 2013

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

### Documentalist

Frederic Voisin (Frederic.Voisin@ircam.fr)

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### 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*

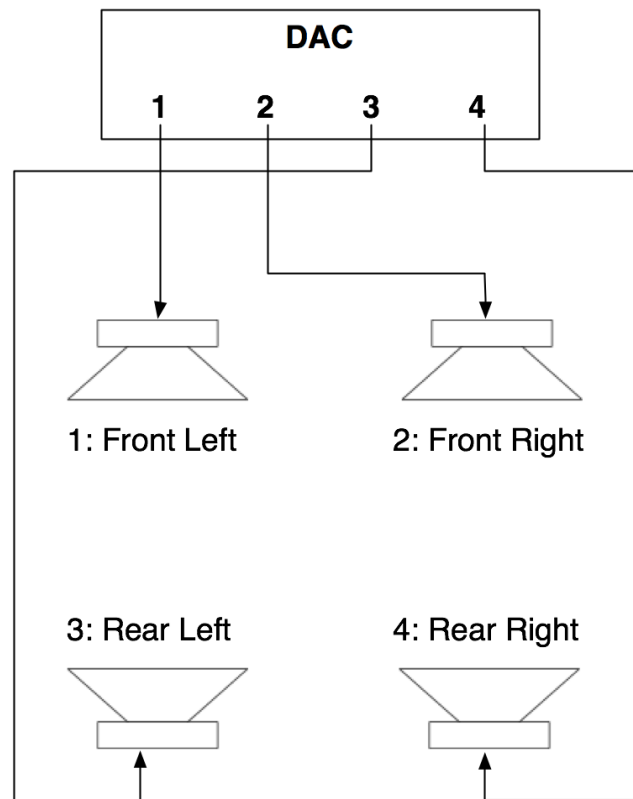
Files

File	Type	Author(s)	Comment
<a href="#">Ritual_Melodies-Max6.dmg</a>	All-in-one	Frédéric Voisin	md5: 49c45fa167ac8b5027cc5594f6f90aac

# Instructions

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## 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

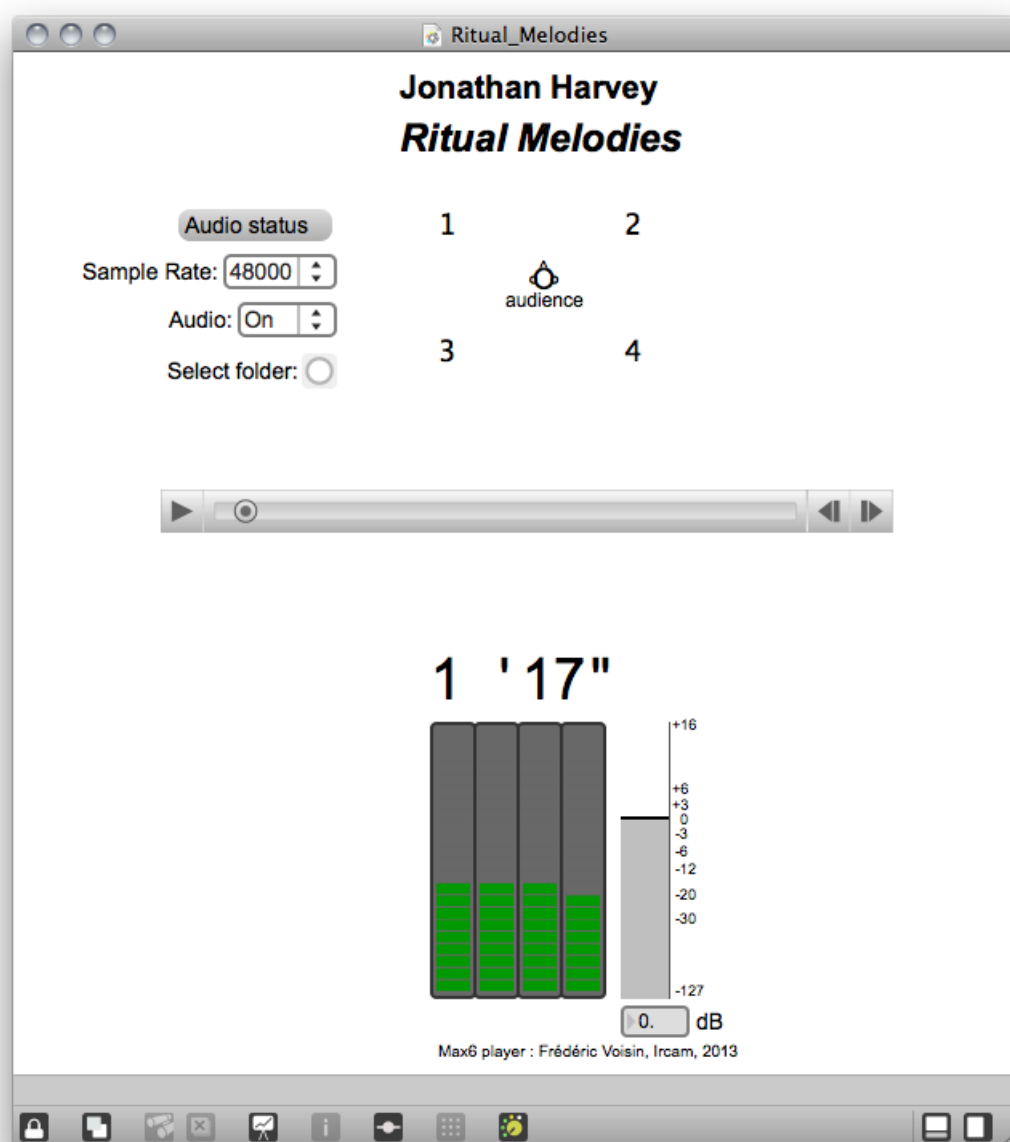
In Max, launch file Ritual\_Melodies.maxpat.

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

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*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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