Jonathan Harvey
Mythic Figures
2001

Mythic Figures Max6
2013

ircam
Centre
Pompidou

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

Table of Contents

Work related information

Performance details

- June 20, 2001, Paris, théâtre des Bouffes du Nord, festival Agora.

Publisher : Faber Music

Useful links on Brahms

- *Mythic Figures* **for tape (2001), 9mn**
- **Jonathan Harvey**

Version related information

Documentation date: Dec. 5, 2013
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Documentalist

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Realisation

- Frédéric Voisin (Computer Music Designer)

Version length: 9 mn
Default work length: 9 mn

Upgrade Motivation

Max6 (or above) version.
Max 8 compatible.

Other version(s)

- Jonathan Harvey - Mythic Figures - WAV files from ADAT (8 tracks) (Dec. 23, 2013)

Electronic equipment list

Computer Music Equipment

- 1 Max 6 - *Max* (Cycling74)
  or Max 6 RunTime - Max 8 compatible
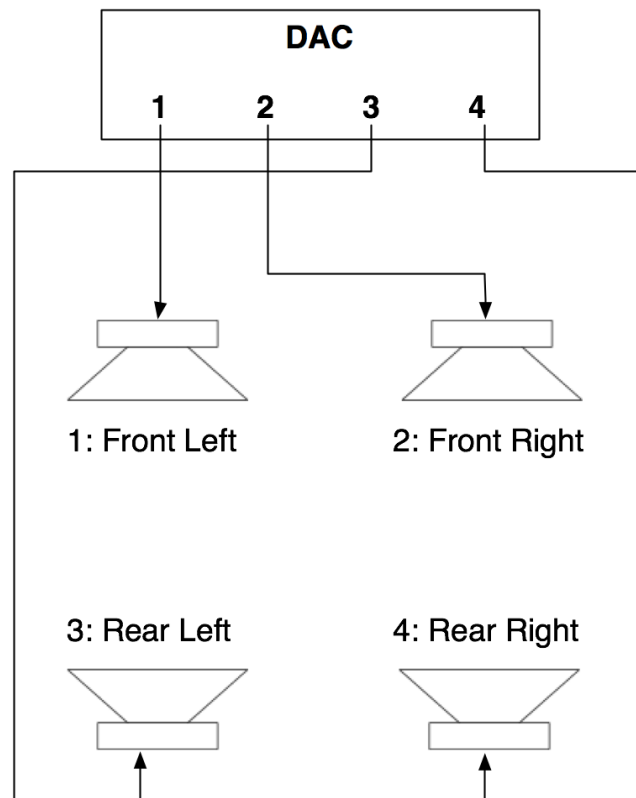
Audio Equipment

- 4 Loudspeaker - *Loudspeakers*

Electronic equipment list

Computer Music Equipment

- 1 Max 6 - *Max* (Cycling74)
  or Max 6 RunTime - Max 8 compatible

Audio Equipment

Files

File	Type	Author(s)	Comment
Mythic_Figures-Max6.dmg	All-in-one	Frédéric Voisin	md5: c4c60d953624f2678f47a297085bc6f2
loudspeaker setup	Setup	Sebastien Naves	

Instructions

Audio setup

Loudspeaker setup

Audio equipment for the playback of four audio tracks surrounding the audience.

Four versions are available according to the loudspeakers precise disposal :

Version 1 : loudspeakers 1, 2, 3 4 set respectively at : 30°, -30°, 110°, -110° from the center of the audience ;

Version 2 : loudspeakers 1, 2, 3 4 set respectively at : 30°, -30°, 90°, -90° ;

Version 3 : loudspeakers 1, 2, 3 4 set respectively at : 40°, -40°, 110°, -110° ;

Version 4 : loudspeakers 1, 2, 3 4 set respectively at : 40°, -40°, 90°, -90°.

Midi setup

No MIDI devices

Software installation

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

Mount image MythicFigures-Max6.dmg

System calibration and tests

Set sound card sample-rate to 44.1kHz.

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

Initialization routine
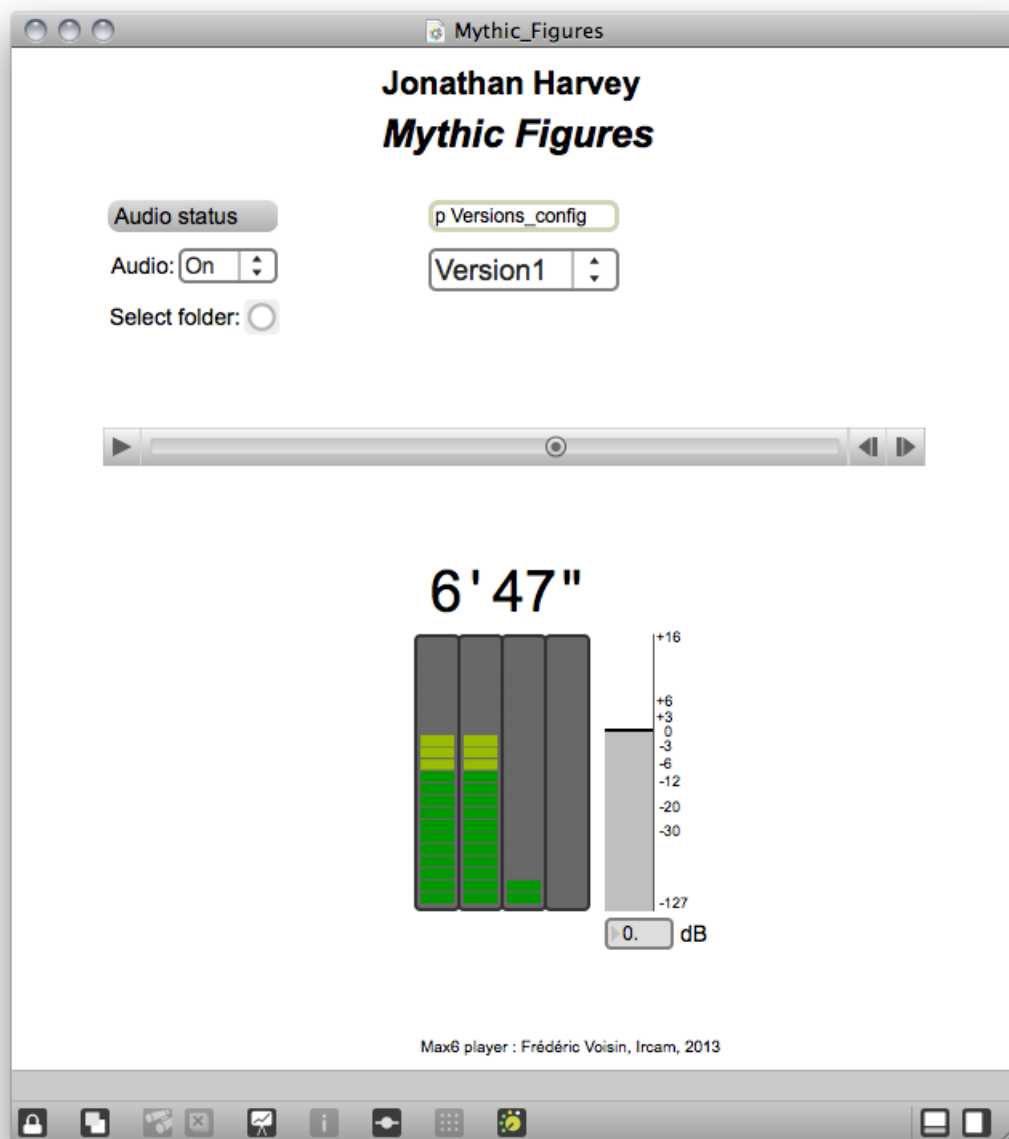
In Max, launch file Mythic_Figures.maxpat.

Then in patcher main window :

1. Select sound card using button ' Audio status' (output device) ;

2. in Max, check sample rate set to 44.1kHz ;

3. set Audio On ;

4. Clic on 'Select folder' button to load sound tracks from folder 'Mythic_Figures-Max6' ;

Volume is automatically set to 0 dB.

5. Select version to play according to loudspeakers configuration.

Patch presentation

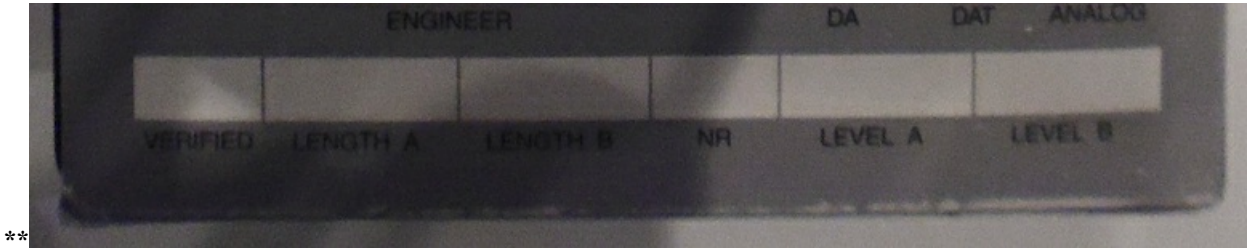## Performance notes

Sound file duration is 9'00.

See below comments written onto the ADAT tape explaining the 4 quadriphonic loudspeakers configurations (versions) and the mapping

of the 8 tracks to the quadriphonic system. The actual sound files are .aif 8-tracks enterlaced (using 'SoX -M MythicFigures-$version-$track.aif MythicFigures-$version.aif'). Then, the Max patcher already actualize this mapping so that only 4 outputs (DAC) are required.

Please note that loudspeakers 3 and 4 on this manuscript on the orginal tape, are enumerated according to the Ircam's Spat *standard.* in Max, *they* have been *respectively* renamed 4 and 3 according to more conventional sound setups (using 3 for rear-left and 4 for rear-right).

Studio / Location

Client / Artist

J. HARVEY

Title / Program   Mythic Figures

Test Tone   0°10" / 1'30"

1kHz @ - 20dBfs

1. Version 1 : 30°, -30°, -110°, 110° (2')

2. Version 2 : 30, -30°, -90°, 90° (11')

3. Version 3 : 40, -40°, -110°, 40° (20')

4. Version 4 : 40°, -40°, -90, 90°(29')

5.

6. Tracks ☐1   ☐2 Tracks 2,6,8
     157

7.

8. Track 4 ☐4   ☐3 Track 3

CATALOG	DATE	MASTER	COPY	TC	EQ
44,1kHz			α		
Copie 06/2004			⟨		

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