

Michael Jarrell  
*Formes-Fragments IIb*  
1999

portage 2020  
2020



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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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Table of Contents

Table of Contents	2
Work related information	3
Performance details	3
Detailed staff	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
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	7
play_list syntax	8

## Work related information

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### Performance details

- June 27, 1999, Paris, Ircam, Espace de projection

Publisher : Lemoine

### Detailed staff

- ensemble of vocal soloists à 4 voix (solo soprano [], solo mezzo-soprano [], solo tenor [], solo baritone [])
- clarinet (also bass clarinet), bassoon (also contrabassoon), horn, trumpet, trombone, tuba, percussionist, harp, electronic/MIDI keyboard/synthesizer, cello, double bass

### Realisation

- Gilbert Nouno

### Useful links on Brahms

- [Formes-Fragments IIb](#) for four voices, ensemble and electronics (1999), 15mn
- [Michael Jarrell](#)

## Version related information

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Documentation date: April 9, 2020

Version state: valid, validation date : April 14, 2020, 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

- Gilbert Nouno (Computer Music Designer)

Version length: 15 mn

Default work length: 15 mn

### Upgrade Motivation

rebuild of the patch : 2020 version to play soundfiles.

### Other version(s)

- [Michael Jarrell - Formes-Fragments IIb - Max6\\_2014-unttested \(Sept. 4, 2014\)](#)
- [Michael Jarrell - Formes-Fragments IIb - transfert-boites-2014 \(June 13, 2014\)](#)
- [Michael Jarrell - Formes-Fragments IIb - maxmsp5-version-unttested \(Oct. 11, 2010\)](#)

## Electronic equipment list

### Computer Music Equipment

- 1 MacBook Pro - *Apple Laptops* (Apple)
- 1 Fireface 800 - *Sound Board* (RME)  
at least 6 audio outputs
- 1 KX 88 - *MIDI Keyboard* (Yamaha)  
for triggering soundfiles. pgm change buttons needed

Files

File	Type	Author(s)	Comment
<a href="#">FormesFragments-2020.dmg</a>	Patch	Etienne Démoulin	

# Instructions

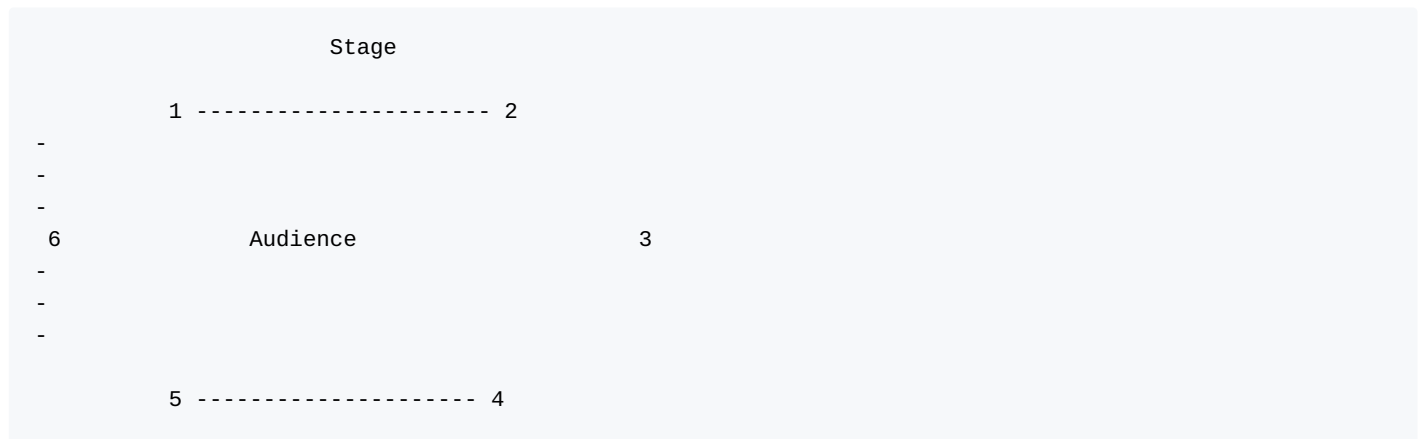
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## Audio setup

- No input (adc)
- 6 outputs

## Loudspeaker setup

- 6 loudspeakers around the audience :



## Midi setup

1 midi keyboard for triggering.

## Software installation

Place the folder in your max file preferences

## System calibration and tests

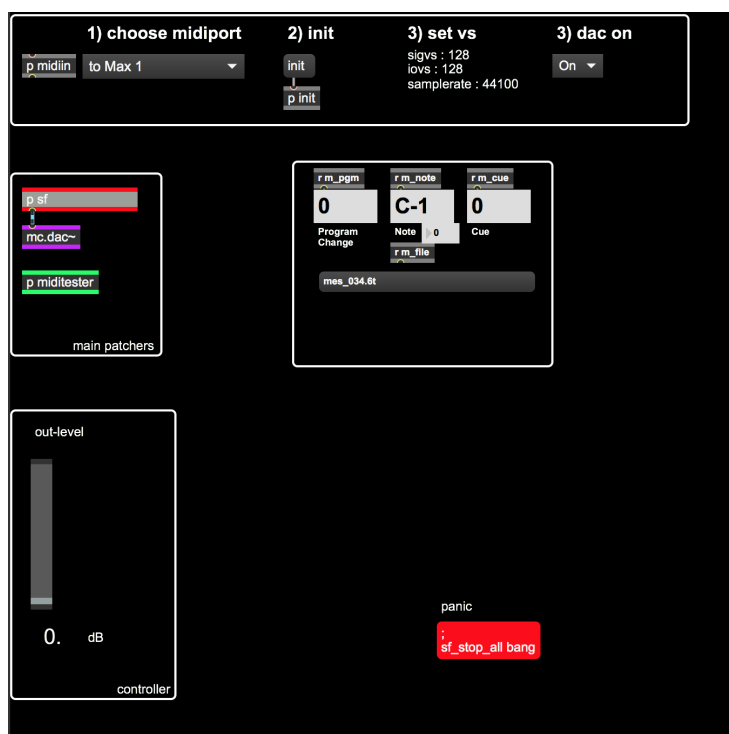
Test midi connexion and pgm changes.

PGM button 1 corresponds to PGM 1 (beware of KX88 !)

## Initialization routine

1. choose midi port
2. click init
3. set vector size and samplerate : sigvs : 128, iovs : 128, samplerate : 44100.
4. turn dac on

## Patch presentation



Initialisation procedure is on the top of the patch.

You can adjust the main level with the fader (default is 0 dB )

You can monitor midi infos, cue number and file playing on the right of the patch.

Playing a note run a soundfile if one is attached to this note (see score)

Panic red button stop all the soundfiles.

You can set the audio configuration by double-clicking in the mc.dac~ object.

To check the midinotes/sounds mapping, open play\_list\_01.

Cues are triggered by the keyboard with specific notes & pgm change.

## play\_list syntax


"play\_list\_01" this is the coll file where the soundfiles are defined to be played as the following :

program\_change\*1000 + midinote | the file name | the level in dB

as example the following line "1038 , mes\_003.aif 6;"

means the file "mes\_003.aif" is trigger when we are in program 1 (\*1000) and play the D1 (38) note (1000 + 38 = 1038), the level is +6dB.

You can test sounds using the graphic keyboard in the "miditester" subpatcher.

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Version documentation creation date: April 9, 2020, 3:14 p.m., update date: May 6, 2021, 3:09 p.m.