# Michael Jarrell
## *Formes-Fragments IIb*
## 1999

portage 2020
2020

**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 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

Documentation date: April 9, 2020
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## Documentalist

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## 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-untested (Sept. 4, 2014)
- Michael Jarrell - Formes-Fragments IIb - transfert-boites-2014 (June 13, 2014)
- Michael Jarrell - Formes-Fragments IIb - maxmsp5-version-untested (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 |
|---|---|---|---|
| FormesFragments-2020.dmg | Patch | Etienne Démoulin | |

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# Instructions

## Audio setup

- No input (adc)

- 6 outputs

## Loudspeaker setup

- 6 loudspeakers around the audience :

```
                Stage

        1 --------------------- 2
-
-
-
 6              Audience                      3
-
-
-

        5 -------------------- 4
```
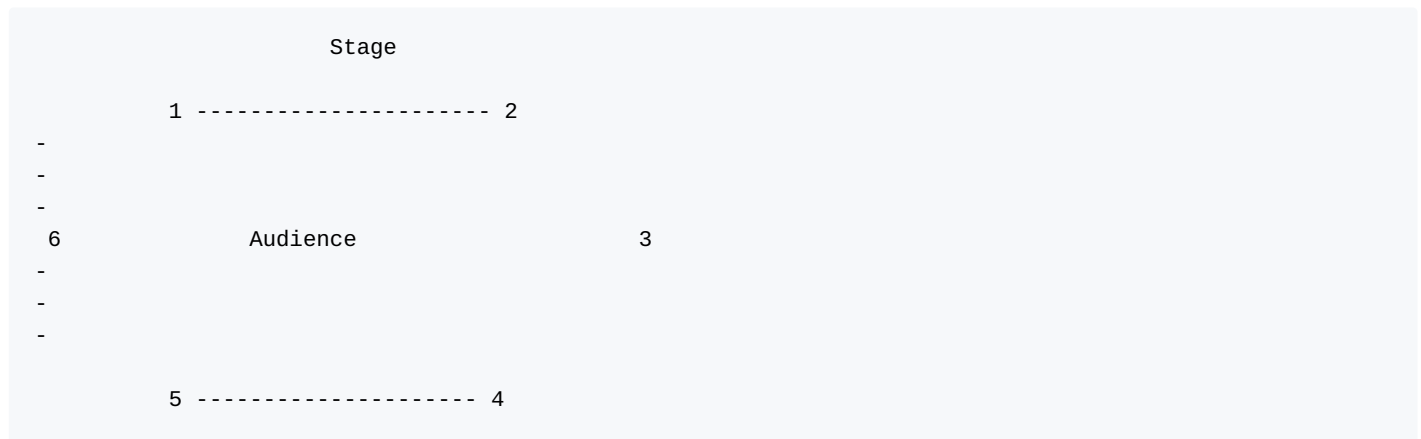
## Midi setup

1 midi keyboard for triggering.

## Software installation

Place the folder in your max file preferences

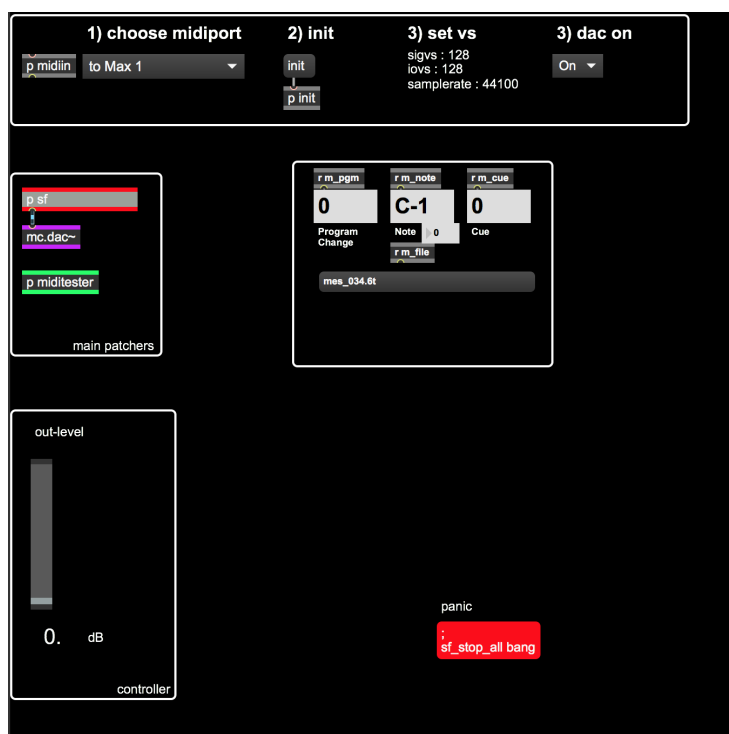## System calibration and tests

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.