Michael Jarrell Formes-Fragments IIb 1999

portage 2020 2020



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

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

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-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	Туре	Author(s)	Comment
FormesFragments-2020.dmg	Patch	Etienne Démoulin	

Instructions

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

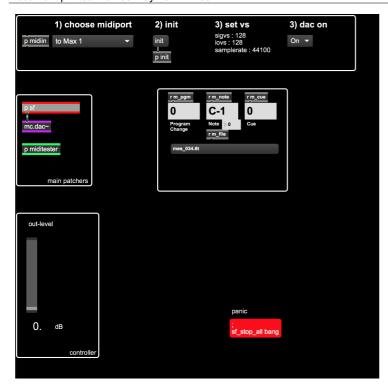
Test midi connexion and pgm changes.

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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