

Traces V by Martin Matalon for Clarinet and Electronics

Production Team: Martin Matalon, Thomas Goepfer, Robin Meier - Christophe Hausser Ircam - La muse en circuit 2007 - 2008

REAL TIME VERSION

Equipment

Computer Equipment:

- 1 Apple MacBook Pro, 2GB RAM, CPU 2.33 GHz Intel Core 2 Duo

Software:

- OSX 10.4
- MaxMSP 4.6

Audio Equipment:

- 2 Microphones (ex. DPA4060) for amplification and recording of clarinet.
- Audio Interface 8 in 8 out (preferably ADAT)
- Sound Board 6 in (computer), 1 mic input, 6 out to P/A + 1 out to computer (clarinet)

Midi:

Mixer (ex. BCF 2000 - Behringer) 8 channels to control the output volume of different groups of treatments

P/A:

6 speakers (DAC number 1-6) placed around the audience. See patch for placement of the speakers.

Channel 1 ---> front Left	Channel 2 ---> front right
Channel 3 ---> middle Left	Channel 4 ---> middle right
Channel 5 ---> rear. Left	Channel 6 ---> rear right

- sustain pedal (trigger) (0/1) type piano MIDI.

VERSION TEMPS DIFFÉRÉ

Computer Equipment:

- 1 Apple MacBook Pro, 1.5GB RAM, CPU 2.33 GHz or more - Intel Core 2 Duo

Software:

- OSX 10.4
- DP5 or Protools or Logic or other Sequencer

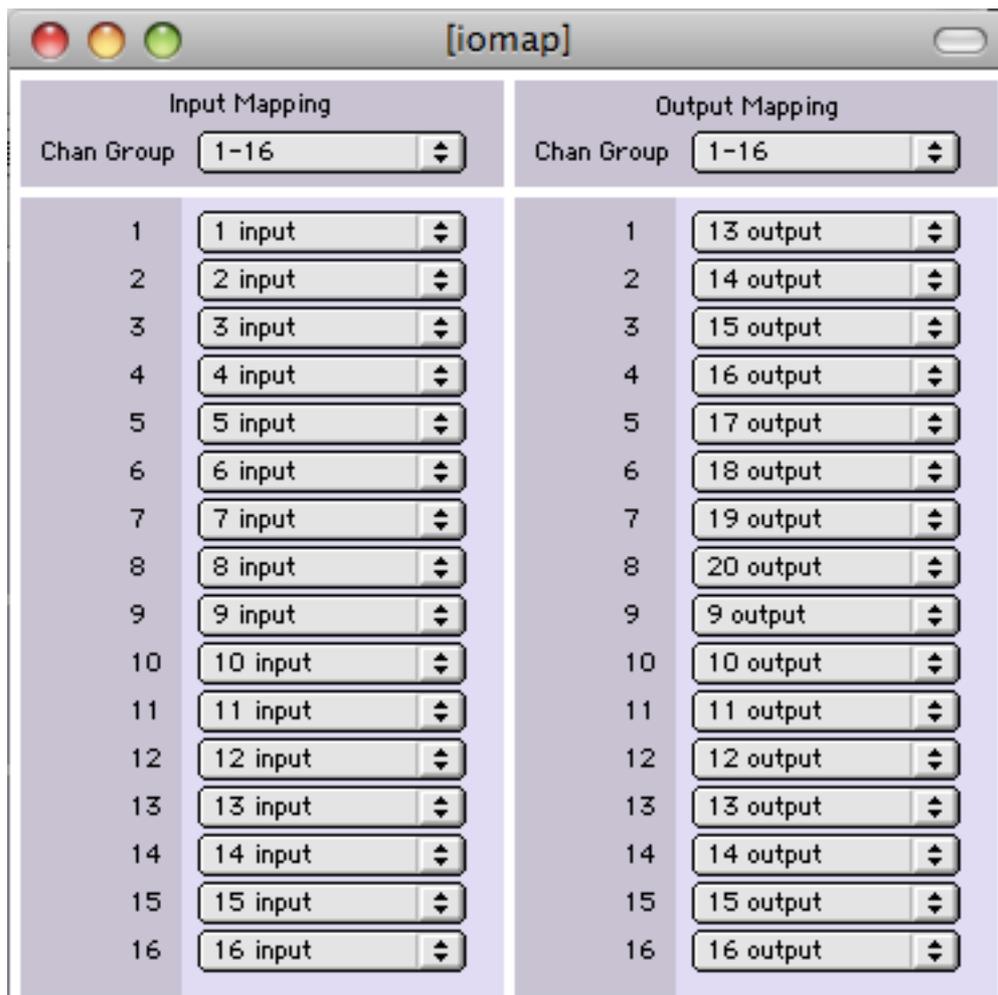
Audio Equipment:

- Microphone for amplification of clarinet. (ex : KM 184 Neumann)
- Audio Interface 8 in 8 out (preferably ADAT)
- Sound Board 8 in (computer), mic inputs, 8 out (6.2 to P/A) + 1 out to computer

(mix of clarinet) **Installation**

on the Macbook

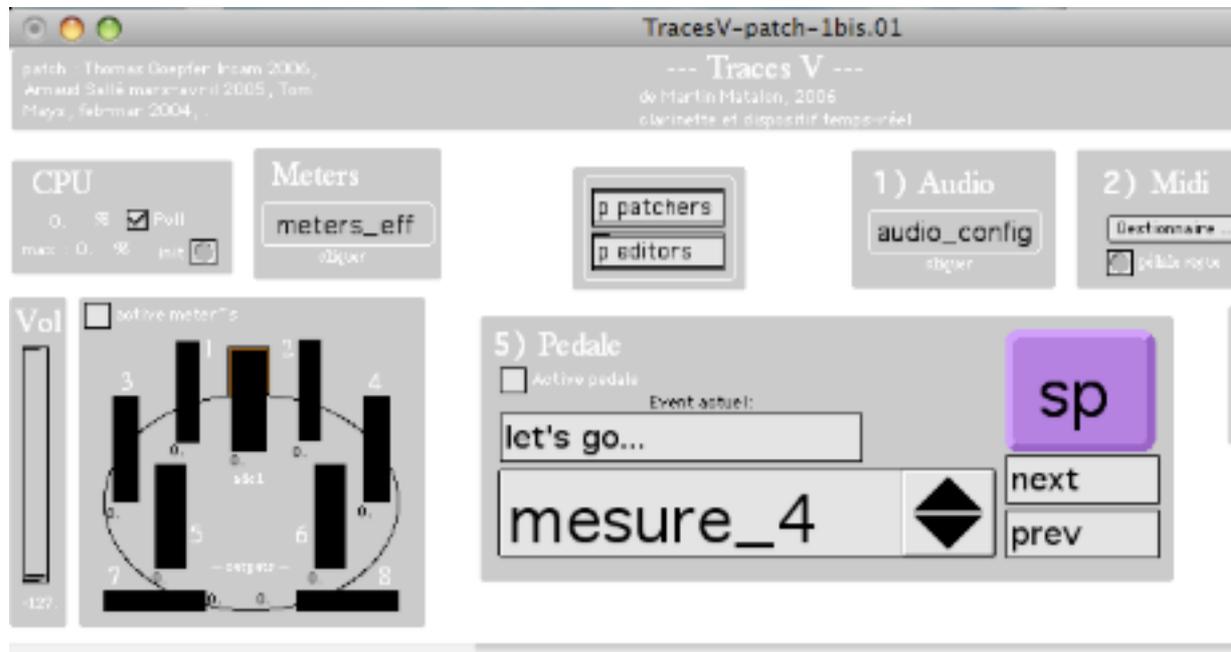
- copy the folder called TracesV to your hard drive.
- launch MaxMSP
- in the options menu, click on file preferences. Then add the folder TracesV to your searchpaths
- quit MaxMSP
- launch the files called TracesV-events.pat and TracesV-patchConcert.pat in this order.
- in the options menu, click on DSP Status, then click on I/O Mappings. The electronics are on DAC 1-6. If this doesn't suit your setup you can change the output mapping here.



Input and output mapping for MaxMSP

Performance

Follow the 7 steps documented in the main patch:



main patch. step 6: just click on "Active pedale" and make sure "mesure_1" is selected in the men