Traces III by Martin Matalon for French Horn 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:
• 1 Microphone for amplification and recording of French Horn.
• 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 French Horn)

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. 2 Subbass units

other

• 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:

• 2 Microphones for amplification of French Horn. (shure SM57 for pavillon and Neumann KM184 for mouth)
• 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 French Horn)

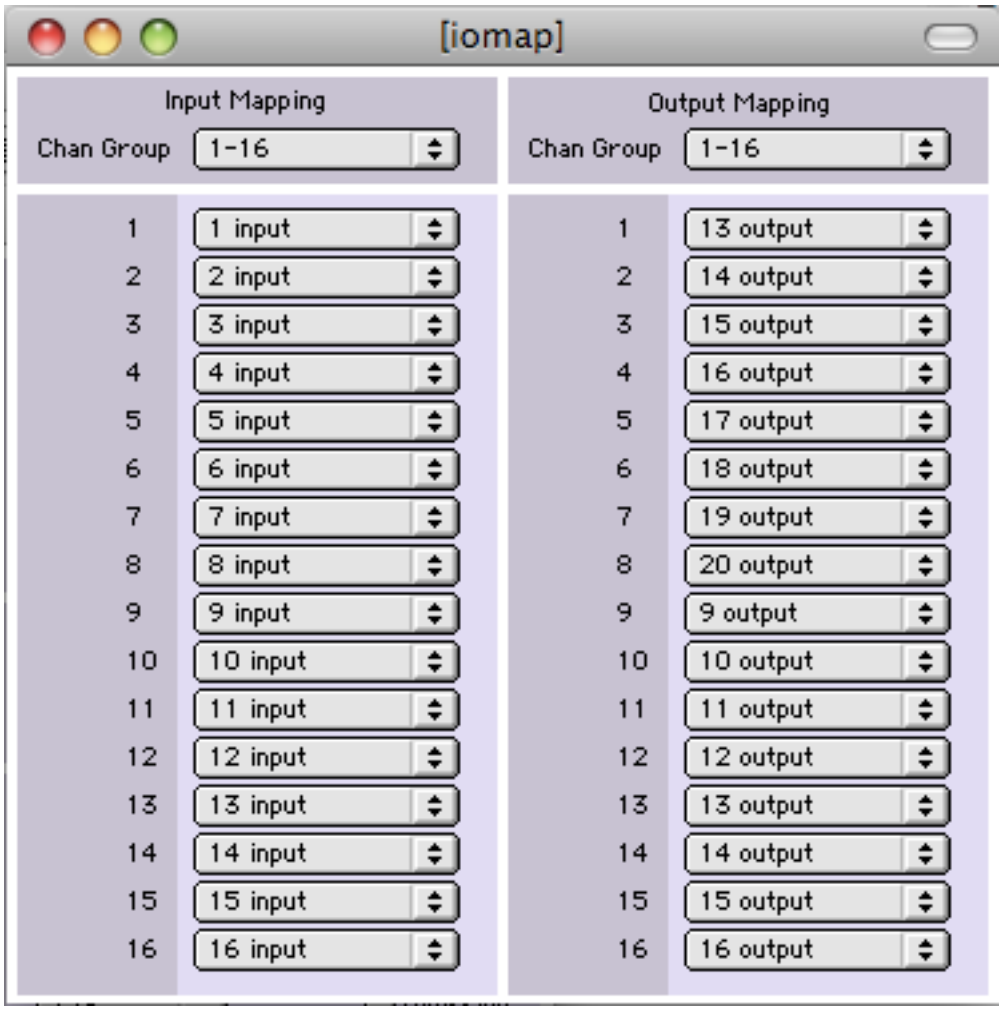
• reverb - Lexicon or TC electronic or equivalent

P/A:
6 speakers placed around the audience. 2 Subbass units

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

Installation

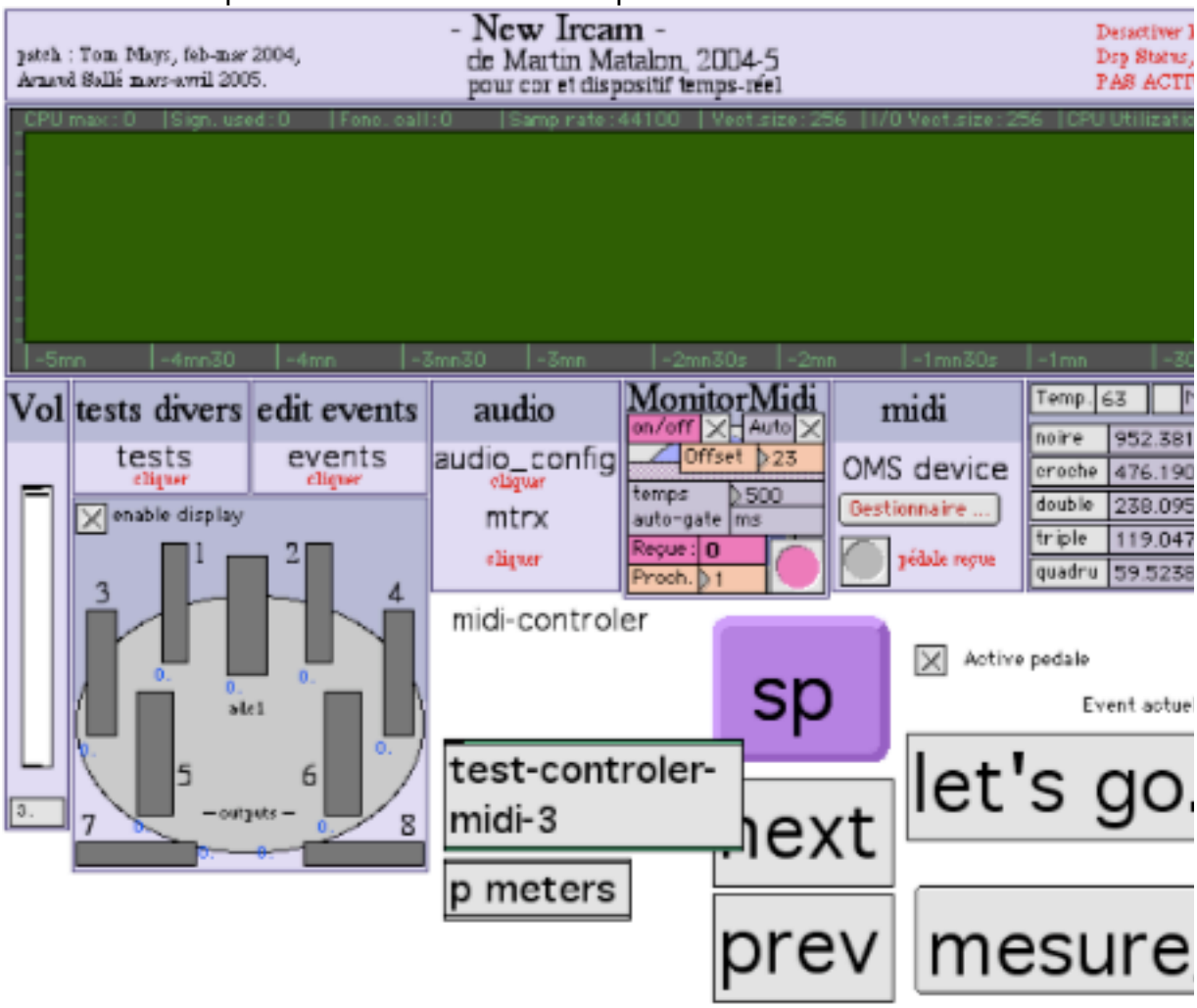
on the Macbook
- copy the folder called TracesIII to your hard drive.
- launch MaxMSP
- in the options menu, click on file preferences. Then add the folder TracesIII to your searchpaths
- quit MaxMSP
- launch the files called TracesIII-events.pat and TracesIII-patchConcert.pat in this order.
- in the options menu, click on DSP Status, then click on I/O Mappings. The electronics are on DAC 1-8. 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 menu